



# Nkx-2.8 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-15783                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name          | NKX2-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Name       | Homeobox protein Nkx-2.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human NKX28. AA range:20-69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity        | Nkx-2.8 Polyclonal Antibody detects endogenous levels of Nkx-2.8 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Dilution           | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Observed Band      | 26kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cell Pathway       | nucleus,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Tissue Specificity | Brain,Tongue,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Function           | similarity:Belongs to the NK-2 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Background         | The protein encoded by this gene is a homeobox-containing developmental regulator associated with liver development. The encoded protein binds to the alpha-fetoprotein (AFP) gene promoter and increases the expression of AFP. This gene is overexpressed in some lung cancers and is linked to poor patient survival, possibly due to its resistance to cisplatin. This gene is aberrantly methylated in pancreatic cancer, deleted in squamous cell lung carcinomas, and acts as a tumor suppressor in esophageal cancer. Mutations in this gene may also be a cause of neural tube defects. [provided by RefSeq, Dec 2015], |

Nanjing BYabscience technology Co.,Ltd



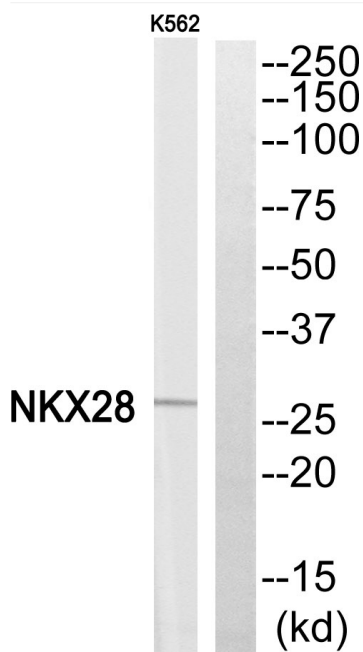
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot analysis of NKX28 Antibody. The lane on the right is blocked with the NKX28 peptide.