



# NET4 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-23319                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity         | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name          | NTN4                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Name       | Netrin-4 (Beta-netrin) (Hepar-derived netrin-like protein)                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen          | Synthesized peptide derived from human protein . at AA range: 50-130                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity        | NET4 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formulation        | Liquid in PBS containing 50% glycerol, 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           | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Observed Band      | 69kD                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cell Pathway       | Secreted, extracellular space, extracellular matrix, basement membrane . Major component.                                                                                                                                                                                                                                                                                                                                                                        |
| Tissue Specificity | Expressed in kidney, spleen, mammary gland, aorta, heart, ovary, prostate and fetal spleen.                                                                                                                                                                                                                                                                                                                                                                      |
| Function           | function:May play an important role in neural, kidney and vascular development. Promotes neurite elongation from olfactory bulb explants.,similarity:Contains 1 laminin N-terminal domain.,similarity:Contains 1 NTR domain.,similarity:Contains 3 laminin EGF-like domains.,subcellular location:Major component.,subunit:May form a homodimer.,tissue specificity:Expressed in kidney, spleen, mammary gland, aorta, heart, ovary, prostate and fetal spleen., |
| Background         | This gene encodes a member of the netrin family of proteins, which function in various biological processes including axon guidance, tumorigenesis, and angiogenesis. Netrins are laminin-related proteins that have an N-terminal laminin-type domain, epidermal growth factor-like repeat domain, and a positively charged heparin-binding domain at the C-terminus. The protein encoded by this                                                               |

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gene is involved in processes including neurite growth and migration, angiogenesis and mural cell adhesion to endothelial cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016],

**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

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