



# NBPF6 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-05829                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name          | NBPF6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Name       | Neuroblastoma breakpoint family member 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen          | Synthesized peptide derived from human protein . at AA range: 360-440                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity        | NBPF6 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      | 70kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cell Pathway       | Cytoplasm .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tissue Specificity | Testis,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Function           | miscellaneous:Encoded by one of the numerous copies of NBPF genes clustered in the p36, p12 and q21 region of the chromosome 1.,similarity:Belongs to the NBPF family.,similarity:Contains 3 NBPF domains.,tissue specificity:Expressed in testis.,                                                                                                                                                                                                                                                                                              |
| Background         | neuroblastoma breakpoint family member 6(NBPF6) Homo sapiens This gene is a member of the neuroblastoma breakpoint family (NBPF) which consists of dozens of recently duplicated genes primarily located in segmental duplications on human chromosome 1. This gene family has experienced its greatest expansion within the human lineage and has expanded, to a lesser extent, among primates in general. Members of this gene family are characterized by tandemly repeated copies of DUF1220 protein domains. Gene copy number variations in |

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the human chromosomal region 1q21.1, where most DUF1220 domains are located, have been implicated in a number of developmental and neurogenetic diseases such as microcephaly, macrocephaly, autism, schizophrenia, mental retardation, congenital heart disease, neuroblastoma, and congenital kidney and urinary tract anomalies. Altered expression of some gene family members is associated with several types of cancer. This gene fam

**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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