



# PTHD3 rabbit pAb

|                    |                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-08207                                                                                                                                                                                                                                                                                                                                         |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                |
| Reactivity         | Human; Mouse                                                                                                                                                                                                                                                                                                                                       |
| Applications       | WB                                                                                                                                                                                                                                                                                                                                                 |
| Gene Name          | PTCHD3 PTR                                                                                                                                                                                                                                                                                                                                         |
| Protein Name       | PTHD3                                                                                                                                                                                                                                                                                                                                              |
| Immunogen          | Synthesized peptide derived from human PTHD3 AA range: 244-294                                                                                                                                                                                                                                                                                     |
| Specificity        | This antibody detects endogenous levels of PTHD3 at Human/Mouse                                                                                                                                                                                                                                                                                    |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.322% sodium azide.                                                                                                                                                                                                                                                                           |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                             |
| Purification       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                          |
| Dilution           | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                      |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                            |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                               |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                       |
| Synonyms           | Patched domain-containing protein 3 (Patched-related protein)                                                                                                                                                                                                                                                                                      |
| Observed Band      | 85kD                                                                                                                                                                                                                                                                                                                                               |
| Cell Pathway       | Cell projection, cilium, flagellum membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Localizes to the midpiece of the sperm tail. .                                                                                                                                                          |
| Tissue Specificity | Expressed in germ cells of the testis (at protein level) (PubMed:17904097). Detected in blood lymph, colon, small intestine, ovary, testis, prostate, thymus and spleen with highest levels in testis (PubMed:21439084).                                                                                                                           |
| Function           | function:May play a role in sperm development or sperm function.,sequence caution:Translated as stop.,similarity:Belongs to the patched family.,similarity:Contains 1 SSD (sterol-sensing) domain.,subcellular location:Localizes to the midpiece of the sperm tail.,tissue specificity:Expressed in germ cells of the testis (at protein level)., |
| Background         |                                                                                                                                                                                                                                                                                                                                                    |

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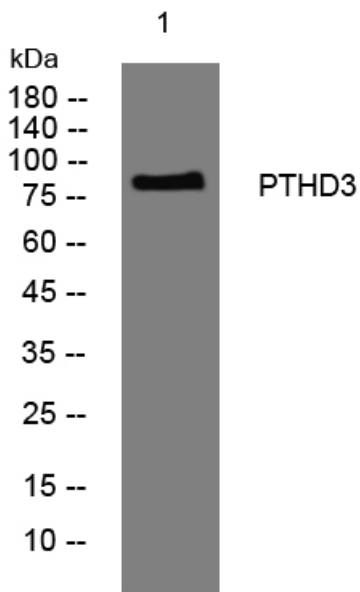
**matters needing attention**

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 lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night