



# TMPS5 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-23196                                                                                                                                                                                                                                                                                                                                                              |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity         | Human;Mouse                                                                                                                                                                                                                                                                                                                                                             |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                |
| Gene Name          | TMPRSS5                                                                                                                                                                                                                                                                                                                                                                 |
| Protein Name       | Transmembrane protease serine 5 (EC 3.4.21.-) (Spinesin)                                                                                                                                                                                                                                                                                                                |
| Immunogen          | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                           |
| Specificity        | TMPS5 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      | 50kD                                                                                                                                                                                                                                                                                                                                                                    |
| Cell Pathway       | Cell membrane ; Single-pass type II membrane protein .                                                                                                                                                                                                                                                                                                                  |
| Tissue Specificity | Brain-specific. Predominantly expressed in neurons, in their axons, and at the synapses of motoneurons in the spinal cord.                                                                                                                                                                                                                                              |
| Function           | disease:Defects in TMPRSS5 may be a cause of deafness.,function:May play a role in hearing.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SRCR domain.,tissue specificity:Brain-specific. Predominantly expressed in neurons, in their axons, and at the synapses of motoneurons in the spinal cord., |
| Background         | This gene encodes a protein that belongs to the serine protease family. Serine proteases are known to be involved in many physiological and pathological processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],                                                                                                       |

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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**

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