



# TSG10 rabbit pAb

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-09017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>         | Human; Mouse; Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>          | TSGA10 CEP4L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>       | TSG10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>          | Synthesized peptide derived from human TSG10 AA range: 412-462                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>        | This antibody detects endogenous levels of TSG10 at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>             | Polyclonal, Rabbit, IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Dilution</b>           | WB 1: 500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>       | Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . In mature spermatozoa, localizes to the centriole and midpiece (PubMed:28905369). The 27-kDa peptide associates with the fibrous sheath in mature spermatozoa and localizes to the principal piece of sperm tail, while the 55-kDa peptide localizes to the midpiece (By similarity). Detected in the cytoplasm of almost all spermatogonial cells within the seminiferous tubules (By similarity). . |
| <b>Tissue Specificity</b> | Expressed in the testis, in spermatozoa (at protein level) (PubMed:11179690, PubMed:28905369). Expressed in actively dividing fetal tissues, including sternum, intestine, limb, kidney and stomach (PubMed:14585816).                                                                                                                                                                                                                                                                            |
| <b>Function</b>           | function:May play a role in the sperm tail fibrous sheath, a major sperm tail structure.,PTM:Appears to be processed in a 27 kDa and a 55 kDa peptide containing respectively the N-terminal and the C-terminal part of the precursor.,similarity:Belongs to the CEP135/TSGA10 family.,subcellular location:The 27 kDa peptide associates with the fibrous sheath in mature spermatozoa and localizes to the principal piece of sperm tail while the 55 kDa                                       |

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peptide localizes to the midpiece.,tissue specificity:Testis specific.,

## Background

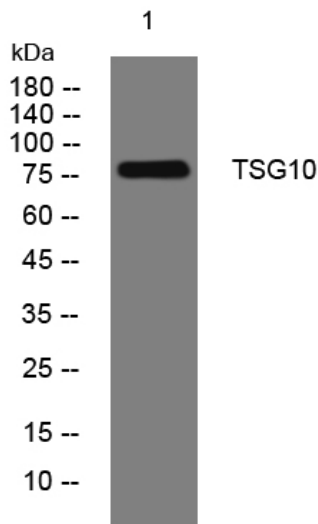
### matters needing attention

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 SW480 cells, primary antibody was diluted at 1:1000, 4° over night

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