

## PSMB4 Rabbit pAb

CatalogNo: YN7119

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 29kD (Calculated)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human PSMB4

**Specificity** This antibody detects endogenous levels of PSMB4 at Human, Mouse, Rat

### Target Information

**Gene name** PSMB4 PROS26

**Protein Name** Proteasome subunit beta type-4 (Proteasome beta chain) (26 kDa prosomal protein) (HsBPROS26) (PROS-26) (Macropain beta chain) (Multicatalytic endopeptidase complex beta chain) (Proteasome chain 3) (HsN3)

Organism	Gene ID	UniProt ID
Human	<a href="#">5692</a> ;	<a href="#">P28070</a> ;
Mouse	<a href="#">19172</a> ;	<a href="#">P99026</a> ;
Rat	<a href="#">58854</a> ;	<a href="#">P34067</a> ;

**Cellular Localization** Cytoplasm . Nucleus . Translocated from the cytoplasm into the nucleus following interaction with AKIRIN2, which bridges the proteasome with the nuclear import receptor IPO9. .

**Function** Non-catalytic component of the 20S core proteasome complex involved in the proteolytic degradation of most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. Associated with two 19S regulatory particles, forms the 26S proteasome and thus participates in the ATP-dependent degradation of ubiquitinated proteins. The 26S proteasome plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins that could impair cellular functions, and by removing proteins whose functions are no longer required. Associated with the PA200 or PA28, the 20S proteasome mediates ubiquitin-independent protein degradation. This type of proteolysis is required in several pathways including spermatogenesis (20S-PA200 complex) or generation of a subset of MHC class I-presented antigenic peptides (20S-PA28 complex). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1.

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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**PSMB4 Rabbit pAb**

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