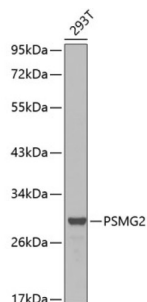


## Proteasome Assembly Chaperone 2 (PSMG2) Antibody

Catalogue No.: abx000815



Western blot analysis of lysates from 293T cells, using PSMG2 Antibody. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

PSMG2 Antibody is a Rabbit Polyclonal antibody against PSMG2. PSMG1 is a chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG2. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization.

|                               |                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Proteasome Assembly Chaperone 2 (PSMG2)                                                                    |
| <b>Clonality:</b>             | Polyclonal                                                                                                 |
| <b>Reactivity:</b>            | Human, Mouse, Rat                                                                                          |
| <b>Tested Applications:</b>   | ELISA, WB                                                                                                  |
| <b>Host:</b>                  | Rabbit                                                                                                     |
| <b>Recommended dilutions:</b> | ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                                                               |
| <b>Immunogen:</b>             | Recombinant fusion protein containing a sequence corresponding to amino acids 1-264 of human PSMG2.        |
| <b>Isotype:</b>               | IgG                                                                                                        |
| <b>Form:</b>                  | Liquid                                                                                                     |
| <b>Purification:</b>          | Purified by affinity chromatography.                                                                       |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                             |
| <b>UniProt Primary AC:</b>    | Q969U7 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                |
| <b>Gene Symbol:</b>           | PSMG2                                                                                                      |

# Datasheet

Version: 5.0.0  
Revision date: 12 Mar 2025



**GeneID:** [56984](#)

**NCBI Accession:** NP\_064617.2

**KEGG:** hsa:56984

**String:** [9606.ENSP00000325919](#)

**Molecular Weight:** Calculated MW: 29 kDa  
Observed MW: 29 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** > 0.2 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only