



PSMB4 Rabbit Polyclonal Antibody

Catalog #: EAB14506

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, ELISA	29	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB (Western Blotting)	1:500-2000
ELISA (Enzyme-linked Immunosorbent Assay)	1:5000-20000

Product Information

Conjugate	Unconjugate
Specificity	PSMB4 Rabbit Polyclonal Antibody detects endogenous levels of PSMB4 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
UniProt ID	P28070
Entrez-Gene ID	5692

Product Description

PSMB4 also known as HN3, PROS26 is a critical β subunit of the 20S Proteasome, which plays a vital role in the selective degradation of cellular proteins. This process is essential for maintaining cellular homeostasis, regulating the cell cycle, and modulating various signaling pathways. The 20S Proteasome is composed of a cylindrical core made up of four stacked rings, with the outer two rings consisting of seven α subunits and the inner two rings containing seven β subunits, including PSMB4. Proper functioning of the proteasome ensures that damaged or misfolded proteins are efficiently removed from cells, preventing potential toxic accumulation and contributing to overall organism health.

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