

Goat anti-PSMB4 Antibody

Item Number	dAP-2355
Target Molecule	Principle Name: PSMB4; Official Symbol: PSMB4; All Names and Symbols: PSMB4; proteasome (prosome, macropain) subunit, beta type, 4; HN3; HsN3; PROS26; macropain beta chain; multicatalytic endopeptidase complex beta chain; proteasome beta 4 subunit; proteasome beta chain; proteasome chain 3; proteasome subunit HsN3; proteaso; Accession Number (s): NP_002787.2; Human Gene ID(s): 5692; Non-Human GeneID(s): 19172 (mouse) 58854 (rat)
Immunogen	QIATVTEKGVE, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 25kDa band observed in lysates of cell lines NIH3T3, HEK293, HeLa, Jurkat and K562 (calculated MW of the mature protein 24.3kDa according to aa46-264 of NP_002787.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Yoshida T, Kato K, Yokoi K, Oguri M, Watanabe S, Metoki N, Yoshida H, Satoh K, Aoyagi Y, Nozawa Y, Yamada Y, Association of genetic variants with hemorrhagic stroke in Japanese individuals. International journal of molecular medicine 2010 Apr 25 (4): 649-56.. PMID: 20198315->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**