



Goat anti-PSME1 (isoform 1) Antibody

Item Number	dAP-1084
Target Molecule	Principle Name: PSME1 (isoform 1); Official Symbol: PSME1; All Names and Symbols: PSME1; proteasome (prosome, macropain) activator subunit 1 (PA28 alpha); IFI5111; MGC8628; PA28A; PA28alpha; REGalpha ; 11S regulator complex alpha subunit; 29-kD MCP activator subunit; activator of multicatalytic protease subunit 1; interferon gamma up-r; Accession Number (s): NP_006254.1; Human Gene ID(s): 5720; Non-Human GeneID(s): 19186 (mouse) 29630 (rat)
Immunogen	KNFEKLLKPRGETK, is from C Terminus This antibody is expected to recognise isoform 1 (NP_006254.1).
Applications	Pep ELISA, WB Species Tested: Human
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 64000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Lymph Node, Spleen, Tonsil and Peripheral Blood Mononucleocyte lysates (calculated MW of 28.7kDa according to NP_006254.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Brychcy M, Kuckelkorn U, Hausdorf G, Egerer K, Kloetzel PM, Burmester GR, Feist E. Anti-20S proteasome autoantibodies inhibit proteasome stimulation by proteasome activator PA28. Arthritis Rheum. 2006 Jul;54(7):2175-83..PMID: 16802355->

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**