

PSMD8 Polyclonal Antibody

Catalog NumberPA5-27466

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 10 and 231 of Human PSMD8	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: A549, HepG2. Predicted reactivity: Mouse (92%), Rat (95%), Zebrafish (83%), Xenopus laevis (84%), Chimpanzee (100%), Bovine (95%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

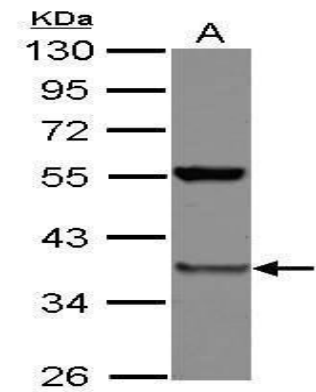
The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 1.

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PSMD8 Antibody (PA5-27466) in WB
Western Blot using PSMD8 Polyclonal Antibody (Product # PA5-27466). Sample (30 µg of whole cell lysate). Lane A: A549. 10% SDS PAGE. PSMD8 Polyclonal Antibody (Product # PA5-27466) diluted at 1:1,000.

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