

Rabbit anti-Human, Mouse PSMB7 Polyclonal Antibody | anti-PSMB7 antibody

PSMB7 Antibody

CATALOG # AAA305245	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PSMB7; Polyclonal Antibody; PSMB7 Antibody; Z; anti-PSMB7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PSMB7 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.7 mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-PSMB7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human proteasome (prosome, macropain) subunit, beta type, 7
Target Name	PSMB7
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human testis and mouse brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/310 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB7 antibody	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. The encoded protein is a member of the proteasome B-type family, also known as the T1B family, and is a 20S core beta subunit in the proteasome. Expression of this catalytic subunit is downregulated by gamma interferon, and proteolytic processing is required to generate a mature subunit. A pseudogene of this gene is located on the long arm of chromosome 14.
Product Categories/Family for anti-PSMB7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506203
NCBI GeneID	5695
NCBI Accession #	NP_002790.1
NCBI GenBank Nucleotide #	NM_002799.3
UniProt Accession #	Q99436; Q5TBG6; Q96AG8; Q9BWA7; B4E0P1
Molecular Weight	15,323 Da
NCBI Official Full Name	proteasome subunit beta type-7 proprotein
NCBI Official Synonym Full Names	proteasome subunit beta 7
NCBI Official Symbol	PSMB7
NCBI Official Synonym Symbols	Z
NCBI Protein Information	proteasome subunit beta type-7
UniProt Protein Name	Proteasome subunit beta type-7
UniProt Gene Name	PSMB7
UniProt Synonym Gene Names	Z
UniProt Entry Name	PSB7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.