

Rabbit PSMB7 Polyclonal Antibody | anti-PSMB7 antibody

PSMB7 Polyclonal Antibody

CATALOG # AAA166957	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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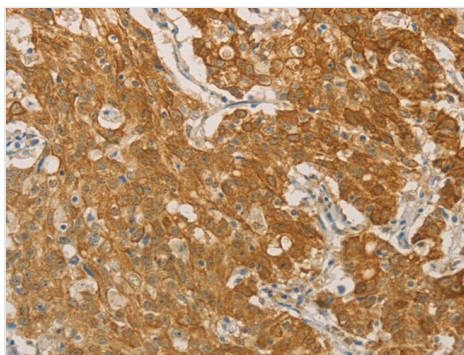
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

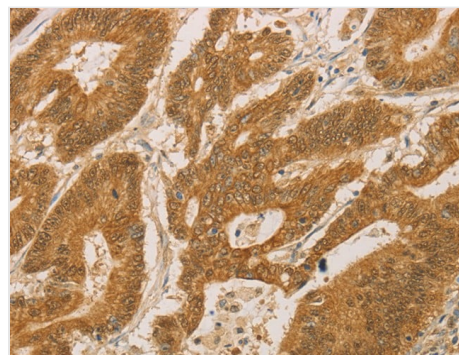
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	277
Applicable Applications for anti-PSMB7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human PSMB7
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



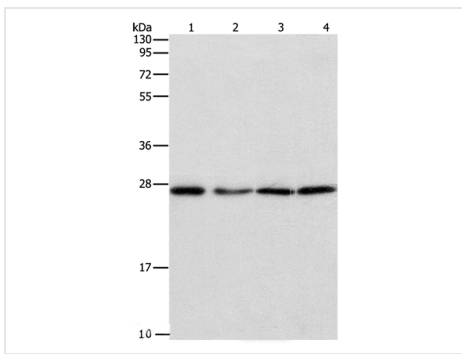
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using PSMB7 Polyclonal Antibody at dilution of 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using PSMB7 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of 293T and hepG2 cell, Human testis and lung cancer tissue using PSMB7 Polyclonal Antibody at dilution of 1:310

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

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506203
NCBI GeneID	5695
NCBI Accession #	NP_002790.1
NCBI GenBank Nucleotide #	NM_002799.3
Molecular Weight	15,323 Da
NCBI Official Full Name	proteasome subunit beta type-7 proprotein
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 7
NCBI Official Symbol	PSMB7
NCBI Official Synonym Symbols	Z
NCBI Protein Information	proteasome subunit beta type-7; macropain chain Z; multicatalytic endopeptidase complex chain Z; proteasome catalytic subunit 2; proteasome subunit Z; proteasome subunit alpha
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.