

Rabbit PSMD7 Polyclonal Antibody | anti-PSMD7 antibody

PSMD7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302402	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

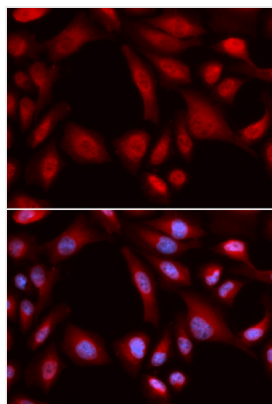
PRODUCT SYNONYMS

PSMD7; Polyclonal Antibody; PSMD7 Antibody; P40; S12; Rpn8; MOV34; anti-PSMD7 antibody

PRODUCT SPECIFICATIONS

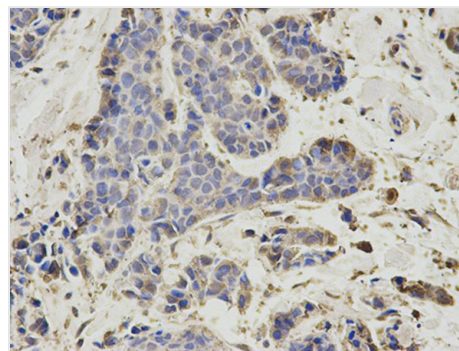
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PSMD7 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	324
Applicable Applications for anti-PSMD7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PSMD7.
Target Name	PSMD7
Preparation and Storage	Store at -20 degree C

IMAGES



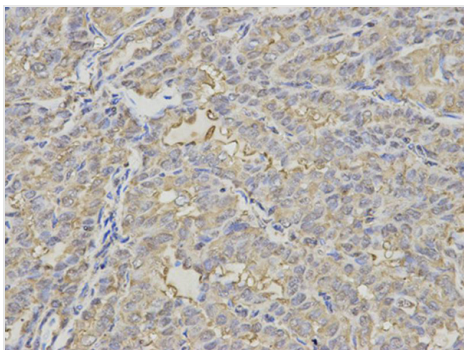
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PSMD7 antibody. Blue: DAPI for nuclear staining.



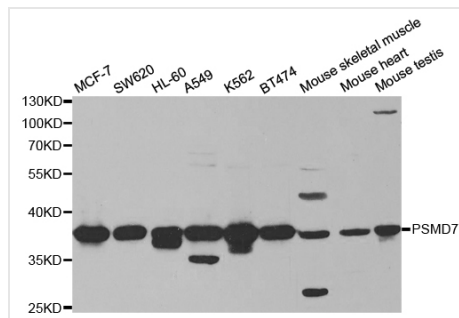
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human thyroid cancer using PSMD7 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer using PSMD7 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMD7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD7 antibody

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 17.

Product Categories/Family for anti-PSMD7 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777615
NCBI GeneID	5713
NCBI Accession #	NP_002802.2
NCBI GenBank Nucleotide #	NM_002811.4
UniProt Accession #	P51665 ; Q6PKI2 ; Q96E97 ; D3DWS9
Molecular Weight	37,025 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 7
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 7
NCBI Official Symbol	PSMD7
NCBI Official Synonym Symbols	P40; S12; Rpn8; MOV34
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 7
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 7
UniProt Gene Name	PSMD7
UniProt Synonym Gene Names	MOV34L
UniProt Entry Name	PSMD7_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.

