

Rabbit PSMD2 Polyclonal Antibody | anti-PSMD2 antibody

PSMD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323982	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

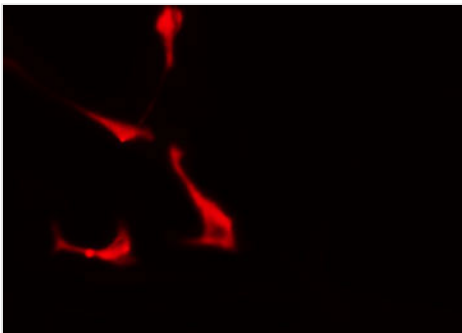
PRODUCT SYNONYMS

PSMD2; Polyclonal Antibody; PSMD2 Antibody; 26S proteasome non-ATPase regulatory subunit 2; 26S proteasome regulatory subunit RPN1; 26S proteasome regulatory subunit S2; 26S proteasome subunit p97; 55.11 protein; MGC14274; P97; Proteasome (prosome macropain) 26S subunit non ATPase 2; Proteasome 26S subunit; non-ATPase; 2; Proteasome 26S; subunit 2; Protein 55.11; Psmd2; PSMD2_HUMAN; Rpn1; S2; TNFR associated protein 2; TRAP2; Tumor necrosis factor receptor associated protein 2; Tumor necrosis factor type 1 receptor-associated protein 2; anti-PSMD2 antibody

PRODUCT SPECIFICATIONS

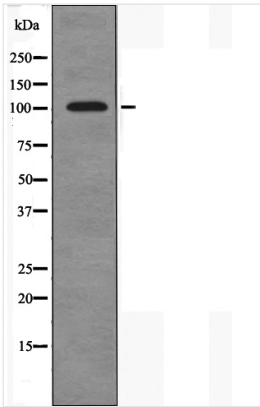
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PSMD2 antibody detects endogenous levels of total PSMD2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	778
Applicable Applications for anti-PSMD2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Found in skeletal muscle, liver, heart, brain, kidney, pancreas, lung and placenta.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323982 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HT-29 cells using PSMD2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD2 antibody

Function: Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.

Subunit Structure: Component of the 19S proteasome regulatory particle complex. The 26S proteasome consists of a 20S core particle (CP) and two 19S regulatory subunits (RP). The regulatory particle is made of a lid composed of 9 subunits, a base containing 6 ATPases and few additional components including PSMD2 (PubMed:27428775, PubMed:27342858). Interacts with RPGRIP1L (By similarity).

Similarity: Belongs to the proteasome subunit S2 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	523425734
NCBI GeneID	5708
NCBI Accession #	NP_001265637.1
NCBI GenBank Nucleotide #	NM_001278708.1
UniProt Accession #	Q13200; Q12932; Q15321; Q53XQ4; Q96I12; B4DX07; B4DXY1; E7EW34; E9PCS3
Molecular Weight	Observed: 100 kD Predicted: 101 kDa
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 2 isoform 2
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 2
NCBI Official Symbol	PSMD2
NCBI Official Synonym Symbols	S2; P97; RPN1; TRAP2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 2
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 2
UniProt Gene Name	PSMD2
UniProt Synonym Gene Names	TRAP2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmd2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323982>