

Rabbit Proteasome 26S Subunit Polyclonal Antibody | anti-PSMC2 antibody

Polyclonal Antibody to Proteasome 26S Subunit, ATPase 2 (PSMC2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142331	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

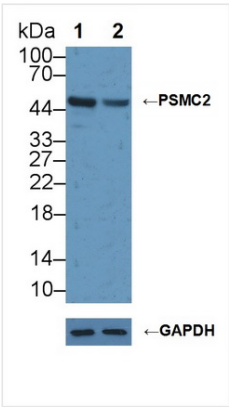
PRODUCT SYNONYMS

Proteasome 26S Subunit; Polyclonal Antibody; Polyclonal Antibody to Proteasome 26S Subunit; ATPase 2 (PSMC2); anti-PSMC2 antibody

PRODUCT SPECIFICATIONS

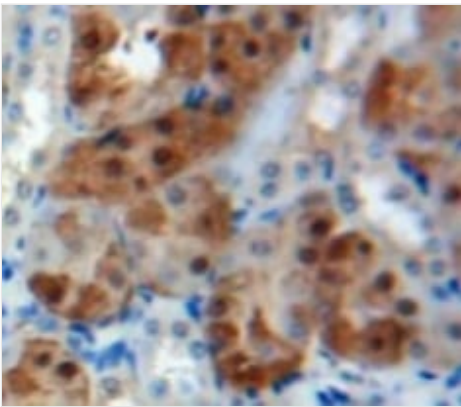
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PSMC2. It has been selected for its ability to recognize PSMC2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and a T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-MPDYLGAD QRKTKEDKDKPIRALDEG DIALLKTYGQ STYSRQIKQV EDDIQQLKK INELTGIKES DTGLAPPALW DLAADKQTLQ SEQPLQVARC TKIINADSED PKYIINVKQF AKFVVDLSQ VAPTDIEEGM RVGVDRNKYQ IHIPLPKID PVTMMQVEE KPDVTYSDVG GCKEQIEKLR EVVETPLLHP ERFVNLGIEP PKGVLLFGPP GTGKTLCARA VANRTDACFI RVIGSELVQK YVGEGARMVR ELFEMARTKK ACLIFFDEID AIGGARFDDG AGGDNEVQRT MLELINQLDG FDPRGNKVL MATNRPDTLD PALMRPGRLD RKIEFSLPDL EGRTHIFKIH ARSMSVERDI RFELLARLCP NSTGAEIRSV CTEAGMFAIR ARRKIATEKD FLEAVNKVIK SYAKFSATPR YMTYN
Applicable Applications for anti-PSMC2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PSMC2 (Met1~Asn433)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant PSMC2 (Met1~Asn433) expressed in E. Coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



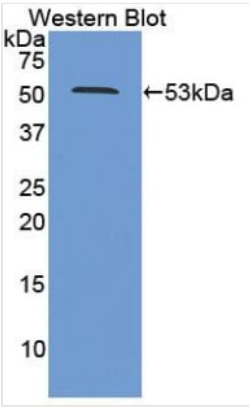
Knockout Validation

Knockout Validation: Lane 1: Wild-type U2OS cell lysate; Lane 2: PSMC2 knockout U2OS cell lysate; Predicted MW: 49kd Observed MW: 49kd Primary Ab: 2ug/ml Rabbit Anti-Human PSMC2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



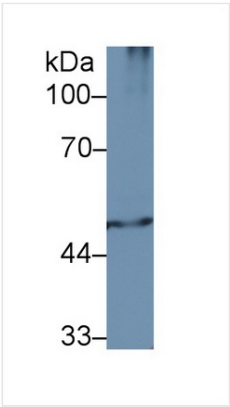
IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Mouse Spleen lysate; Primary Ab: 2ug/ml Rabbit Anti-Human PSMC2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSMC2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325053652
NCBI GeneID	5701
NCBI Accession #	NP_001191382.1
NCBI GenBank Nucleotide #	NM_001204453.1
UniProt Accession #	P35998; Q3LIA5; Q9UDI3; A4D0Q1; B7Z5E2
Molecular Weight	33,274 Da
NCBI Official Full Name	26S proteasome regulatory subunit 7 isoform 2
NCBI Official Synonym Full Names	proteasome 26S subunit, ATPase 2
NCBI Official Symbol	PSMC2
NCBI Official Synonym Symbols	S7; MSS1; Nbla10058

NCBI Protein Information	26S proteasome regulatory subunit 7; 26S protease regulatory subunit 7
UniProt Protein Name	26S proteasome regulatory subunit 7
UniProt Gene Name	PSMC2
UniProt Synonym Gene Names	MSS1

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/proteasome-26s-subunit-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142331>