

Goat PSMA4 Polyclonal Antibody | anti-PSMA4 antibody

Goat anti-PSMA4 Antibody

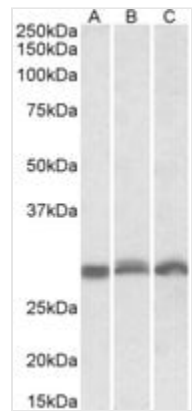
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61519	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog	Western Blot, ELISA

PRODUCT SYNONYMS

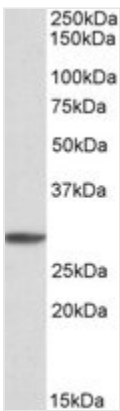
PSMA4; Polyclonal Antibody; Goat anti-PSMA4 Antibody; proteasome (prosome; macropain) subunit; alpha type; 4; HC9; HsT17706; MGC111191; MGC12467; MGC24813; PSC9; macropain subunit C9; multicatalytic endopeptidase complex subunit C9; proteasome alpha 4 subunit; proteasome component C9; proteasome subun; HC9 antibody; HsT17706 antibody; macropain subunit C9 antibody; MGC111191 antibody; MGC12467 antibody; MGC24813 antibody; multicatalytic endopeptidase complex subunit C9 antibody; 4 antibody; proteasome alpha 4 subunit antibody; proteasome component C9 antibody; proteasome subun antibody; PSC9 antibody; PSMA4 antibody; anti-PSMA4 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	SDANVLTNEL R
Sequence Length	261
Applicable Applications for anti-PSMA4 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-SDANVLTNELR, from the internal region of the protein sequence according to NP_002780.1; NP_001096138.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_002780.1; NP_001096138.1). Reported variants represent identical protein: NP_002780.1, NP_001096137.1
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0.3ug/ml staining of NIH3T3 (A), Mouse Spleen (B), Rat Spleen (C)) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
1ug/ml staining of K562 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506185
NCBI GeneID	5685
NCBI Accession #	NP_002780.1; NP_001096138.1
NCBI GenBank Nucleotide #	NM_002789.4
Molecular Weight	21,365 Da
NCBI Official Full Name	proteasome subunit alpha type-4 isoform 1
NCBI Official Synonym Full Names	proteasome subunit alpha 4
NCBI Official Symbol	PSMA4
NCBI Official Synonym Symbols	HC9; PSC9; HsT17706
NCBI Protein Information	proteasome subunit alpha type-4
UniProt Protein Name	Proteasome subunit alpha type-4
UniProt Gene Name	PSMA4
UniProt Synonym Gene Names	HC9; PSC9
UniProt Entry Name	PSA4_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.