

Rabbit anti-Human, Mouse PSMA5 Polyclonal Antibody | anti-PSMA5 antibody

Rabbit anti-PSMA5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211997	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

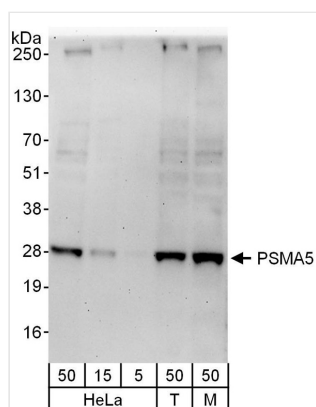
PRODUCT SYNONYMS

PSMA5; Polyclonal Antibody; Rabbit anti-PSMA5 Antibody; Affinity Purified; proteasome component 5; ZETA; PSC5; proteasome zeta chain; proteasome subunit alpha type-5; proteasome alpha 5 subunit; proteasome (prosome; macropain) subunit; alpha type; 5; multicatalytic endopeptidase complex zeta chain; macropain zeta chain; macropain subunit zeta; epididymis tissue sperm binding protein Li 11n; proteasome subunit zeta; Proteasome subunit alpha type-5; proteasome subunit alpha 5; anti-PSMA5 antibody

PRODUCT SPECIFICATIONS

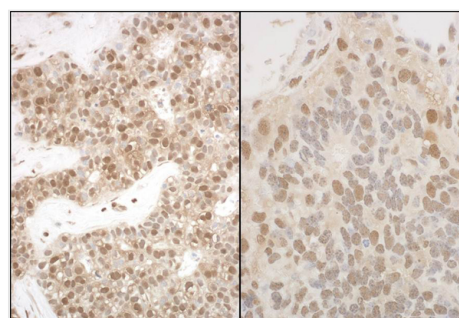
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PSMA5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 125 and 175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PSMA5 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PSMA5 antibody AAA211997 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human and mouse PSMA5 by immunohistochemistry. Sample: FFPE section of human breast carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-PSMA5 (Cat. No. AAA211997) used at a dilution of 1:1,000 (1ug/ml) Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA5 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 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. PSAM5 is member of the peptidase T1A family and is an alpha subunit of the 20S core [taken from NCBI Entrez Gene (GeneID: 5684)].
Product Categories/Family for anti-PSMA5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110942
NCBI GeneID	5686
NCBI Accession #	NP_002781.2
NCBI GenBank Nucleotide #	NM_002790.3
UniProt Accession #	P28066; Q3T1C1; Q6IBF7; B2R8F6; B4E2V4
Molecular Weight	20,035 Da
NCBI Official Full Name	proteasome subunit alpha type-5 isoform 1
NCBI Official Synonym Full Names	proteasome subunit alpha 5
NCBI Official Symbol	PSMA5
NCBI Official Synonym Symbols	PSC5; ZETA
NCBI Protein Information	proteasome subunit alpha type-5
UniProt Protein Name	Proteasome subunit alpha type-5
UniProt Gene Name	PSMA5
UniProt Entry Name	PSA5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psma5-antibody-immunohistochemistry-western-blot-elisa/211997>