

Rabbit PSMA3 Polyclonal Antibody | anti-PSMA3 antibody

PSMA3 Polyclonal Antibody

CATALOG # AAA176452	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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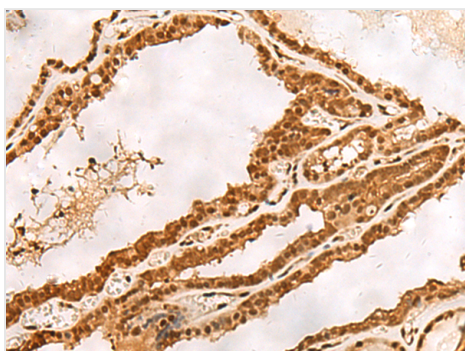
PRODUCT SYNONYMS

PSMA3; Polyclonal Antibody; PSMA3 Polyclonal Antibody; HC8; Macropain subunit C8; MGC12306; MGC32631; Multicatalytic endopeptidase complex subunit C8; Proteasome (prosome macropain) subunit alpha type 3; Proteasome alpha 3 subunit; Proteasome component C8; Proteasome subunit alpha type 3; Proteasome subunit alpha type-3; Proteasome subunit C8; PSA3; PSC8; PsmA3; anti-PSMA3 antibody

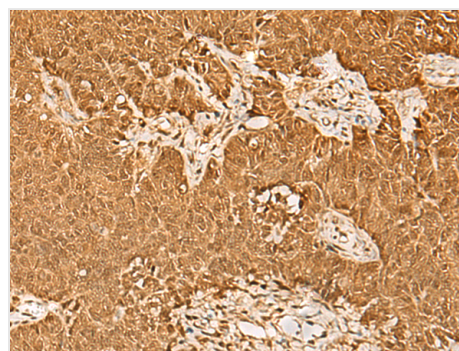
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.54mg/mL (varies by lot)
Sequence Length	255
Applicable Applications for anti-PSMA3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human PSMA3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

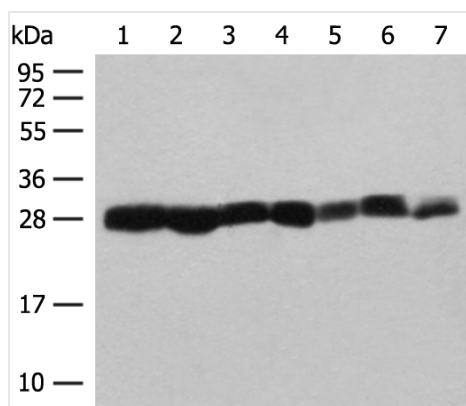
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PSMA3 Polyclonal Antibody at dilution of 1:30(x200)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PSMA3 Polyclonal Antibody at dilution of 1:30(x200)



WB (Western Blot)

Western blot analysis of NIH/3T3 A549 HL60 and PC3 cell Mouse liver tissue Mouse spleen tissue Hela cell lysates using PSMA3 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA3 antibody

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The 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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Two alternative transcripts encoding different isoforms have been identified.

Product Categories/Family for anti-PSMA3 antibody

[Cancer](#); [Cell biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506183
NCBI GeneID	5684
NCBI Accession #	NP_002779.1 ; BC005265
NCBI GenBank Nucleotide #	NP_002779.1
UniProt Accession #	P25788
Molecular Weight	28 kDa
NCBI Official Full Name	proteasome subunit alpha type-3 isoform 1
NCBI Official Synonym Full Names	proteasome 20S subunit alpha 3
NCBI Official Symbol	PSMA3
NCBI Official Synonym Symbols	HC8; PSC3
NCBI Protein Information	proteasome subunit alpha type-3
UniProt Protein Name	Proteasome subunit alpha type-3
UniProt Gene Name	PSMA3
UniProt Synonym Gene Names	HC8; PSC8
UniProt Entry Name	PSA3_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.

