

Rabbit PSMA7 Polyclonal Antibody | anti-PSMA7 antibody

PSMA7 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30669	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

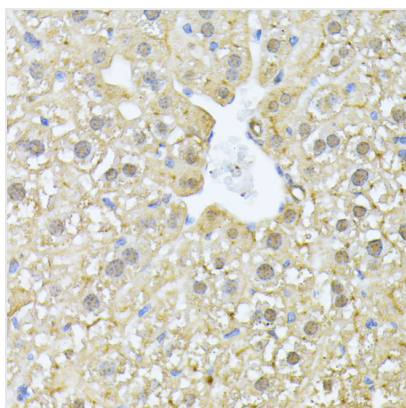
PRODUCT SYNONYMS

PSMA7; Polyclonal Antibody; PSMA7 Rabbit Polyclonal Antibody; C6; HEL-S-276; HSPC; RC6-1; XAPC7; anti-PSMA7 antibody

PRODUCT SPECIFICATIONS

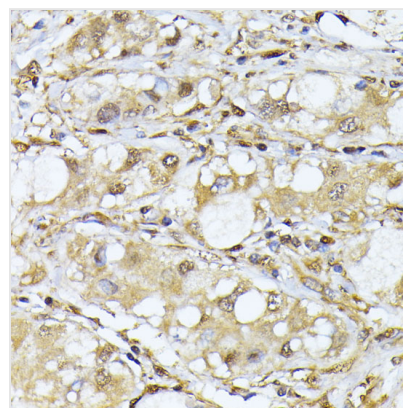
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PSMA7 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	Recombinant fusion protein of human PSMA7 (NP_002783.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



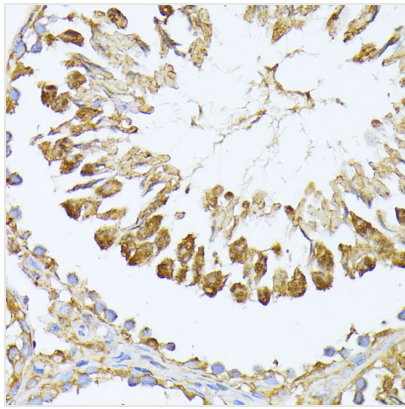
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using PSMA7 at dilution of 1:100 (40x lens).



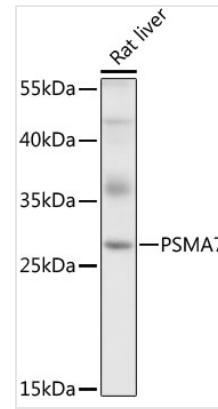
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using PSMA7 at dilution of 1:100 (40x lens).



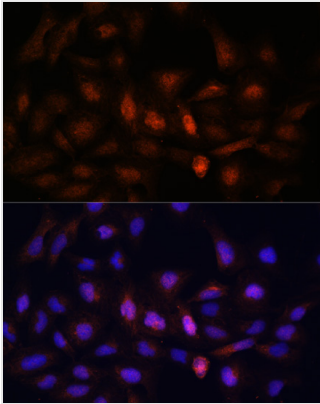
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using PSMA7 at dilution of 1:100 (40x lens).



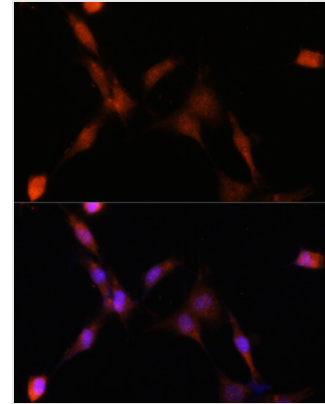
WB (Western Blot)

Western blot analysis of extracts of rat liver, using PSMA7 at 1:1000 dilution.



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using PSMA7 at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PSMA7 at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA7 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 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. This gene encodes a member of the peptidase T1A family that functions as a 20S core alpha subunit. The encoded protein interacts with the hepatitis B virus X protein and plays a role in regulating hepatitis C virus internal ribosome entry site (IRES) activity, an activity essential for viral replication. The encoded protein also plays a role in the cellular stress response by regulating hypoxia-inducible factor-1alpha. A pseudogene of this gene is located on the long arm of chromosome 9.
Product Categories/Family for anti-PSMA7 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643540
NCBI GeneID	5688
UniProt Accession #	O14818; Q5JXJ2; Q9BR53; Q9H4K5; Q9UEU8; B2R515
Molecular Weight	248
NCBI Official Full Name	Proteasome subunit alpha type-7
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 7

NCBI Official Symbol	PSMA7
NCBI Official Synonym Symbols	C6; HSPC; RC6-1; XAPC7
NCBI Protein Information	proteasome subunit alpha type-7; proteasome subunit RC6-1; proteasome subunit XAPC7; proteasome subunit alpha 4
UniProt Protein Name	Proteasome subunit alpha type-7
UniProt Gene Name	PSMA7
UniProt Synonym Gene Names	HSPC
UniProt Entry Name	PSA7_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/psma7-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30669>