

Rabbit anti-Human IMPA1 Polyclonal Antibody | anti-IMP A1 antibody

IMP A1 Antibody

CATALOG # AAA308998	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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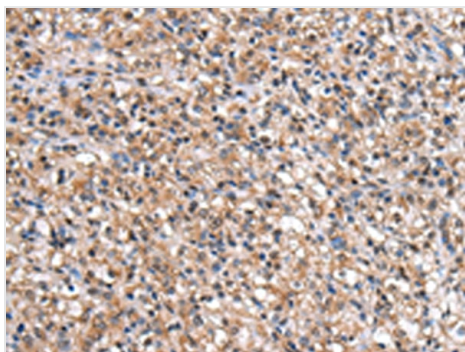
PRODUCT SYNONYMS

IMP A1; Polyclonal Antibody; IMP A1 Antibody; IMP; IMP A; anti-IMP A1 antibody

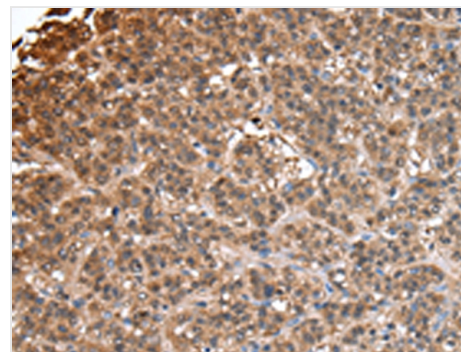
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total IMP A1 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	336
Applicable Applications for anti-IMP A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human IMP A1
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

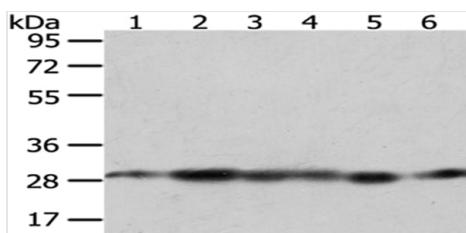
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.



WB (Western Blot)

Gel: 8%SDS-PAGE Lysate: 40 μ g Lane 1-6: Jurkat, PC3 and HT-29 cell, human fetal brain tissue, Raji and A172 cell Primary antibody: 1/400 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-IMPA1 antibody	This gene encodes an enzyme that dephosphorylates myo-inositol monophosphate to generate free myo-inositol, a precursor of phosphatidylinositol, and is therefore an important modulator of intracellular signal transduction via the production of the second messengers myoinositol 1,4,5-trisphosphate and diacylglycerol. This enzyme can also use myo-inositol-1,3-diphosphate, myo-inositol-1,4-diphosphate, scyllo-inositol-phosphate, glucose-1-phosphate, glucose-6-phosphate, fructose-1-phosphate, beta-glycerophosphate, and 2'-AMP as substrates.
Product Categories/Family for anti-IMPA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	221625487
NCBI GeneID	3612
NCBI Accession #	NP_001138350.1
NCBI GenBank Nucleotide #	NM_001144878.1
UniProt Accession #	P29218; Q9UK71; B2R733; B4DLN3; B7Z6Q4; J3KQT7
Molecular Weight	36,695 Da
NCBI Official Full Name	inositol monophosphatase 1 isoform 2
NCBI Official Synonym Full Names	inositol monophosphatase 1
NCBI Official Symbol	IMPA1
NCBI Official Synonym Symbols	IMP; IMPA
NCBI Protein Information	inositol monophosphatase 1
UniProt Protein Name	Inositol monophosphatase 1
UniProt Gene Name	IMPA1
UniProt Synonym Gene Names	IMPA; IMP 1; IMPase 1
UniProt Entry Name	IMPA1_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/imp1-antibody-immunohistochemistry-western-blot-elisa/308998>