Rabbit Podoplanin Polyclonal Antibody | anti-PDPN antibody

Podoplanin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75796	**Rabbit**	**Human, Monkey, Mouse**	**Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

Podoplanin; Polyclonal Antibody; Podoplanin Antibody; AGGRUS; GLYCOPROTEIN 36 KD; gp 36; GP 38; GP 40; HT1A1; hT1alpha1; hT1alpha2; Lung type I cell membrane associated glycoprotein T1A 2; OTS 8; PA2.26 antigen; PSEC0003; PSEC0025; T1 ALPHA GENE; T1A 2; T1A antibody; anti-PDPN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Mouse
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.55-0.75 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	162
Applicable Applications for anti-PDPN antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 30-100 on human Podoplanin protein.
Expression	Placenta, lung, skeletal muscle and brain. Weakly expressed in brain kidney and liver.
Determinant	N-epitope
Molecular Function	Sialic acid; cell shape; developmental protein
Structure	Belongs to podoplanin family
Subcellular Location	Cell membrane; Cell projection
Preparation and Storage	-20• degree C for long term storage

IMAGES

IHC (Immunohiostchemistry)

WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDPN antibody	Invovled in cell migration and actin cytoskeleton organization. Induces changes in cell morphology with transfected cells showing an elongated shape, numerous membrane protusions, major reorganization of the actin cytoskeleton, increased motility and decreased cell adhesion when expressed in keratinocytes.
Product Categories/Family for anti-PDPN antibody	Primary Antibodies; Cardiology; Podoplanin Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274223
NCBI GeneID	10630
UniProt Accession #	Q86YL7; O60836; O95128; Q7L375; Q8NBQ8; Q8NBR3; A9Z1Y2; B2R6J8; E9PB68; F6QWX5
Molecular Weight	12,421 Da
NCBI Official Full Name	Podoplanin
NCBI Official Synonym Full Names	podoplanin
NCBI Official Symbol	PDPN
NCBI Official Synonym Symbols	T1A; GP36; GP40; Gp38; OTS8; T1A2; TI1A; T1A-2; AGGRUS; HT1A-1; PA2.26
NCBI Protein Information	podoplanin
UniProt Protein Name	Podoplanin
UniProt Gene Name	**PDPN**
UniProt Synonym Gene Names	Gp36; T1A
UniProt Entry Name	PDPN_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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