



Anti-PDPN polyclonal antibody (DPABH-28555)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	May be involved in cell migration and/or actin cytoskeleton organization. When expressed in keratinocytes, induces changes in cell morphology with transfected cells showing an elongated shape, numerous membrane protrusions, major reorganization of the actin cytoskeleton, increased motility and decreased cell adhesion. Required for normal lung cell proliferation and alveolus formation at birth. Induces platelet aggregation. Does not have any effect on folic acid or amino acid transport. Does not function as a water channel or as a regulator of aquaporin-type water channels.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 100 to the C-terminus of Mouse Podoplanin/ gp36.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PDPN podoplanin [<i>Mus musculus</i>]
Official Symbol	PDPN
Synonyms	PDPN; podoplanin; T1a; Gp38; OTS-8; T1alpha; RANDAM-2; T1-alpha; aggrus; PA2.26 antigen; glycoprotein 38; transmembrane glycoprotein E11;
Entrez Gene ID	14726
Protein Refseq	NP_001277751.1
UniProt ID	A8Y5F6
Pathway	PodNet: protein-protein interactions in the podocyte;
Function	NOT amino acid transmembrane transporter activity; NOT folic acid transporter activity; NOT water channel activity; NOT water transmembrane transporter activity