



# Anti-PDPN polyclonal antibody (DPABH-28555)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 100 to the C-terminus of Mouse Podoplanin/ gp36.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	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	<a href="#">PDPN podoplanin [ Mus musculus ]</a>
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	<a href="#">14726</a>
Protein Refseq	<a href="#">NP_001277751.1</a>
UniProt ID	<a href="#">A8Y5F6</a>
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