



Anti-PDPN (full length) polyclonal antibody (DPABH-11652)

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	Recombinant full length protein (Human).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	IP, WB, ICC/IF
Format	Lyophilised. The lyophilized IgG is stable at 4°C for at least one month and for more than a year when kept at -20°C. When reconstituted in sterile water to a concentration of >0.5 mg/ml the antibody is stable for at least six months at 2-4°C in the presence of a preservative. Reconstituted antibody can also be aliquoted and stored at -20°C to -70°C for at least 1 year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Size	100 µg

Buffer	Constituents: PBS, pH 7.4
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PDPN podoplanin [Homo sapiens]
Official Symbol	PDPN
Synonyms	PDPN; podoplanin; T1A; GP36; GP40; Gp38; OTS8; T1A2; TI1A; T1A-2; AGGRUS; HT1A-1; PA2.26; T1-alpha; hT1alpha-1; hT1alpha-2; PA2.26 antigen; glycoprotein 36; glycoprotein, 36-KD; lung type I cell membrane associated glycoprotein; lung type-I cell membrane-associated glycoprotein (T1A-2);
Entrez Gene ID	10630
Protein Refseq	NP_001006625.1
UniProt ID	Q86YL7
Function	NOT amino acid transmembrane transporter activity; NOT folic acid transporter activity; NOT water channel activity; NOT water transmembrane transporter activity