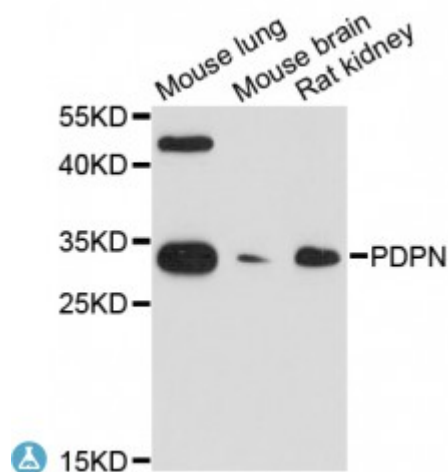


Anti-PDPN Antibody



Description

This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.

Model	STJ115226
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant protein of human PDPN
Gene ID	10630
Gene Symbol	PDPN
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Highly expressed in placenta, lung, skeletal muscle and brain, Weakly expressed in brain, kidney and liver, In placenta, expressed on the apical plasma membrane of endothelium, In lung, expressed in alveolar epithelium, Up-regulated in colorectal tumors and expressed in 25% of early oral squamous cell carcinomas
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Podoplanin Aggrus Glycoprotein 36 Gp36 PA2.26 antigen T1-alpha T1A
Molecular Weight	16.698 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:29602OMIM:608863Reactome:R-HSA-114604
Alternative Names	Podoplanin Aggrus Glycoprotein 36 Gp36 PA2.26 antigen T1-alpha T1A
Function	Mediates effects on cell migration and adhesion through its different partners, During development plays a role in blood and lymphatic vessels separation by binding CLEC1B, triggering CLEC1B activation in platelets and leading to platelet activation and/or aggregation ,
Cellular Localization	Podoplanin: Membrane,
Post-translational Modifications	Extensively O-glycosylated, Contains sialic acid residues, O-glycosylation is necessary for platelet aggregation activity, Disialylated at Thr-52

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com