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anti-Podoplanin antibody (N-Term)



Alternative Name:



Overview	
Quantity:	400 μL
Target:	Podoplanin (PDPN)
Binding Specificity:	AA 33-63, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Podoplanin antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This Podoplanin / GP36 / T1A-2 antibody is generated from rabbits immunized with a KLH
	conjugated synthetic peptide between 33-63 amino acids from the N-terminal region of human
	Podoplanin / GP36 / T1A-2.
Clone:	RB2849
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Podoplanin (PDPN)

Podoplanin / GP36 / TIA-2 (PDPN Products)

Target Details

Background:	T1A-2 is 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.
Molecular Weight:	16698
Gene ID:	10630
NCBI Accession:	NP_001006625, NP_001006626, NP_006465, NP_938203
UniProt:	Q86YL7
Pathways:	Dicarboxylic Acid Transport
Application Details	
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of anti-T1A-2 Pab (ABIN388754 and ABIN2839022) in NCI- cell lysate. T1A-2 (Arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.