

For Research Use Only

CDCP1 Polyclonal antibody

Catalog Number: 12754-1-AP **2 Publications**



Basic Information

Catalog Number: 12754-1-AP	GenBank Accession Number: BC021099	Purification Method: Antigen affinity purification
Size: 300 µg/ml	GeneID (NCBI): 64866	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9H5V8	
Isotype: IgG	Full Name: CUB domain containing protein 1	
Immunogen Catalog Number: AG3439	Calculated MW: 836 aa, 93 kDa	
	Observed MW: 72 kDa, 130 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : A549 cells, LNCaP cells, PC-3 cells
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

CDCP1, also named as CD318, TRASK and SIMA 135, is a 135-140 kDa transmembrane protein that contains three CUB domains within the extracellular region and a hexalysine stretch within the cytoplasmic region. A soluble form with MW 80 kDa (p80) is cleaved at an unidentified site on the N-terminal side. CDCP1 is a novel marker for hematopoietic stem cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Fei Geng	33260155	Aging (Albany NY)	WB
Wanzun Lin	32308755	Theranostics	WB

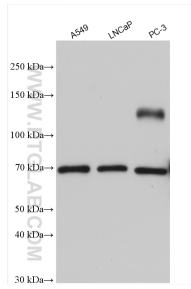
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

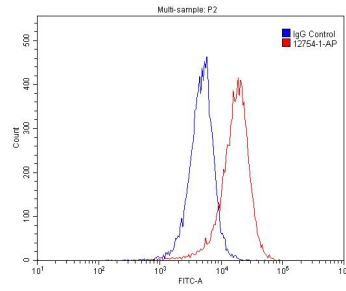
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12754-1-AP (CDCP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 A549 cells were stained with 0.2ug CDCP1 antibody (12754-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.