

For Research Use Only

ANKRD13D Polyclonal antibody

Catalog Number: 21100-1-AP



Basic Information

Catalog Number: 21100-1-AP	GenBank Accession Number: BC110419	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 240 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 338692	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q6ZTN6	
Isotype: IgG	Full Name: ankyrin repeat domain 13 family, member D	
Immunogen Catalog Number: AG15369	Calculated MW: 605 aa, 68 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells, HT-1080 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human small intestine tissue, human breast cancer tissue

Background Information

ANKRD13D, also named as Ankyrin repeat domain-containing protein 13D, is a 518 amino acid protein, which contains 4 UIM (ubiquitin-interacting motif) repeats. ANKRD13D localizes in the cell membrane and late endosome. ANKRD13D as a ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. The calculated molecular weight of ANKRD13D is 58kDa, but we detected a 50kDa protein via western blot experiment.

Storage

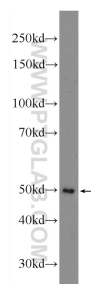
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

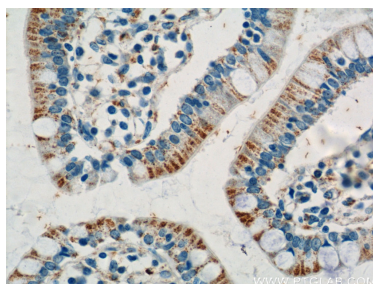
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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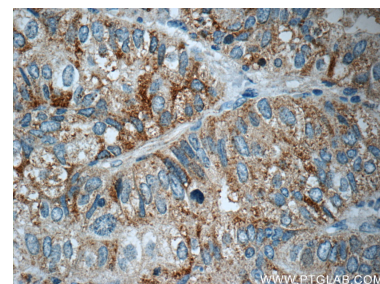
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 21100-1-AP (ANKRD13D Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 21100-1-AP (ANKRD13D Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 21100-1-AP (ANKRD13D Antibody) at dilution of 1:50 (under 40x lens).