

For Research Use Only

# ANKRD13D Polyclonal antibody

Catalog Number: 21100-1-AP



## Basic Information

<b>Catalog Number:</b> 21100-1-AP	<b>GenBank Accession Number:</b> BC110419	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 240 µg/ml	<b>GeneID (NCBI):</b> 338692	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6ZTN6	
<b>Isotype:</b> IgG	<b>Full Name:</b> ankyrin repeat domain 13 family, member D	
<b>Immunogen Catalog Number:</b> AG15369	<b>Calculated MW:</b> 605 aa, 68 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: Jurkat cells, HT-1080 cells

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

For technical support and original validation data for this product please contact:

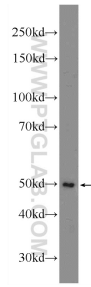
T: 4006900926

E: Proteintech-CN@ptglab.com

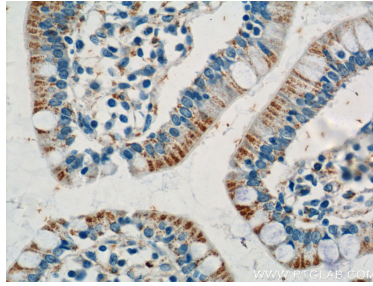
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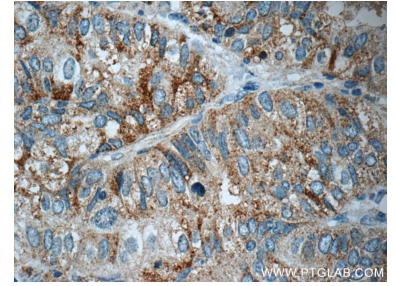
## Selected Validation Data



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).