

ANKRD13D Polyclonal antibody

Catalog Number: 21100-1-AP

Basic Information

Catalog Number:

21100-1-AP

Size:

240 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15369

GenBank Accession Number:

BC110419

GeneID (NCBI):

338692

UNIPROT ID:

Q6ZTN6

Full Name:

ankyrin repeat domain 13 family, member D

Calculated MW:

605 aa, 68 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

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:

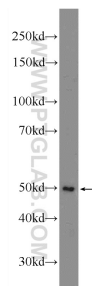
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

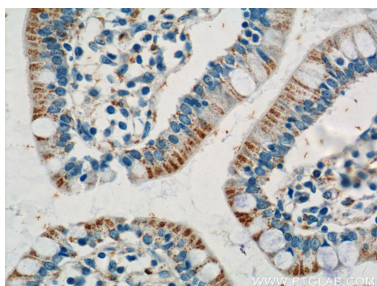
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

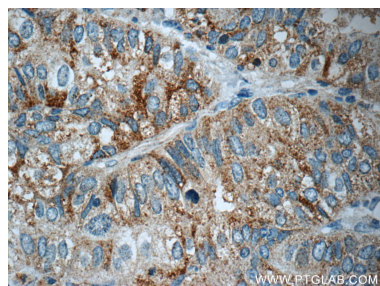
Selected Validation Data



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).