

For Research Use Only

ANKRD13A Polyclonal antibody

Catalog Number: 23998-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

23998-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21200

GenBank Accession Number:

BC032833

GeneID (NCBI):

88455

UNIPROT ID:

Q8IZ07

Full Name:

ankyrin repeat domain 13A

Calculated MW:

590 aa, 68 kDa

Observed MW:

80 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HepG2 cells, Jurkat cells, LNCaP cells

Background Information

ANKRD13A, also named ANKRD13, a 590 amino acid protein, which contains two ANK repeats and four UIM (ubiquitin-interacting motif) repeats. ANKRD13A localizes in the cell membrane. ANKRD13A as ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin, not bind 'Lys-48'-linked ubiquitin. ANKRD13A positively regulates the internalization of ligand-activated EGFR by binding to the Ub moiety of ubiquitinated EGFR at the cell membrane.

Notable Publications

Author	Pubmed ID	Journal	Application
Tiphaine Perron	39059493	J Biol Chem	WB,IP

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

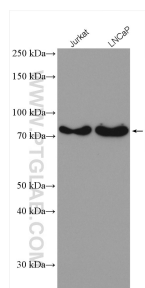
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

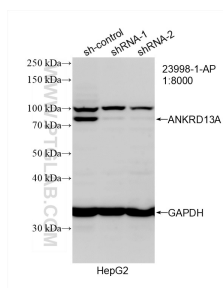
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23998-1-AP (ANKRD13A antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



WB result of ANKRD13A antibody (23998-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ANKRD13A transfected HepG2 cells. The 100 kDa band may be a product of binding with ubiquitin.