

For Research Use Only

RNF31 / HOIP Polyclonal antibody

Catalog Number: 16289-1-AP

7 Publications



Basic Information

Catalog Number:

16289-1-AP

Size:

150ul, Concentration: 600 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9440

GenBank Accession Number:

BC017376

GeneID (NCBI):

55072

UNIPROT ID:

Q96EPO

Full Name:

ring finger protein 31

Calculated MW:

1072 aa, 120 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, Transfected cell cell

IHC : human breast cancer tissue,

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

Background Information

Ring finger protein 31 (RNF31), also named HOIL-1-interacting protein (HOIP), ZIBRA, is an atypical E3 ubiquitin ligase, belongs to ring finger protein (RNF) family. It was first cloned from breast cancer cell line MCF7 and was identified as a classical component in linear ubiquitin assembly complex (LUBAC) to facilitate NFκB signaling transduction. It also plays important regulatory functions in controlling important oncogenic pathways in breast cancer, such as ERα and p53. RNF31 is highly expressed in muscle, heart, and testis. In cells, RNF31 mainly localizes to the cytoplasm. (PMID:27460922)

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Wang	36371565	Oncogene	WB
Shichen Sun	30913450	Arch Oral Biol	WB
Lin Chen	33413275	BMC Musculoskelet Disord	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

*** 20ul sizes contain 0.1% BSA

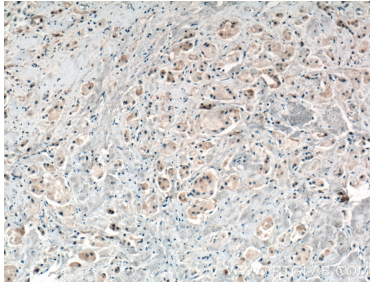
For technical support and original validation data for this product please contact:

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

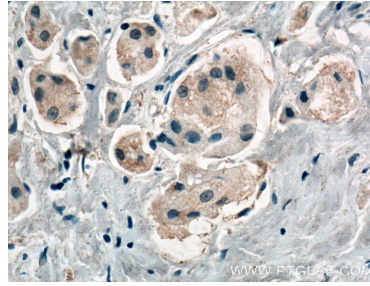
E: proteintech@ptglab.com
W: ptglab.com

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

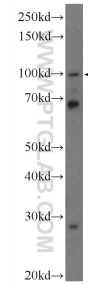
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16289-1-AP (HOIP antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16289-1-AP (HOIP antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



HeLa cells were subjected to SDS PAGE followed by western blot with 16289-1-AP (HOIP antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.