

For Research Use Only

# CoraLite® Plus 750-conjugated RNF31 / HOIP Recombinant antibody



Catalog Number:CL750-83137-4

## Basic Information

Catalog Number:

CL750-83137-4

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34505

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:

Protein A purification

CloneNo.:

230446E9

Recommended Dilutions:

WB 1:1000-1:4000

Excitation/Emission maxima  
wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB

Species Specificity:

Human

Positive Controls:

WB : HeLa cells,

## 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 NF- $\kappa$ B signaling transduction. It also plays important regulatory functions in controlling important oncogenic pathways in breast cancer, such as ER $\alpha$  and p53. RNF31 is highly expressed in muscle, heart, and testis. In cells, RNF31 mainly localizes to the cytoplasm. (PMID:27460922)

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

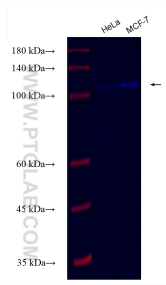
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-83137-4 (RNF31 / HOIP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.