

For Research Use Only

RNF187 Polyclonal antibody

Catalog Number:32939-1-AP



Basic Information

Catalog Number:

32939-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36665

GenBank Accession Number:

BC012758

GeneID (NCBI):

149603

UNIPROT ID:

Q5TA31

Full Name:

ring finger protein 187

Observed MW:

29 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC: 1:200-1:800

Applications

Tested Applications:

IF/ICC, IP, ELISA

Species Specificity:

human

Positive Controls:

IP : Ramos cells,

IF/ICC : U2OS cells,

Background Information

RNF187 (Ring Finger Protein 187) is an E3 ubiquitin ligase with a molecular weight of approximately 28 kDa. It belongs to the RING finger protein family and participates in protein degradation and signal transduction regulation by catalyzing the ubiquitination of substrate proteins. In cancer research, RNF187 is upregulated in various malignant tumors, including melanoma and breast cancer, where it promotes tumor proliferation and invasion through ubiquitin-mediated degradation of tumor suppressors or regulation of cyclins. Additionally, RNF187 is involved in oxidative stress responses and DNA damage repair, playing a role in cell survival and maintenance of genomic stability. In research settings, anti-RNF187 antibodies are widely used for studying ubiquitination mechanisms, analyzing tumor signaling pathways, and exploring skin disease models.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

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