

For Research Use Only

RNF187 Polyclonal antibody, PBS Only

Catalog Number:32939-1-PBS



Basic Information

Catalog Number: 32939-1-PBS	GenBank Accession Number: BC012758	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 149603	
Source: Rabbit	UNIPROT ID: Q5TA31	
Isotype: IgG	Full Name: ring finger protein 187	
Immunogen Catalog Number: AG36665	Observed MW: 29 kDa	

Applications

Tested Applications:
IF/ICC, IP, Indirect ELISA

Species Specificity:
human

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

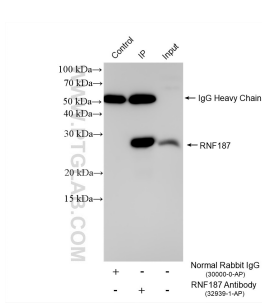
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

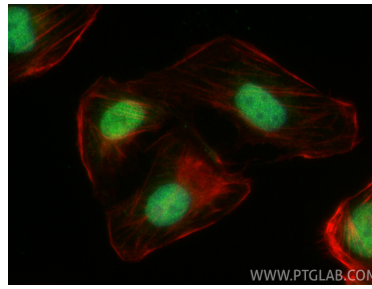
For technical support and original validation data for this product please contact:
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Selected Validation Data



IP result of anti-RNF187 (IP:32939-1-AP, 4 μ g; Detection:32939-1-AP 1:1000) with Ramos cells lysate 1000 μ g. This data was developed using the same antibody clone with 32939-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using RNF187 antibody (32939-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 32939-1-PBS in a different storage buffer formulation.