

For Research Use Only

RNF183 Polyclonal antibody

Catalog Number:32715-1-AP



Basic Information

Catalog Number: 32715-1-AP	GenBank Accession Number: BC013036	Purification Method: Antigen affinity Purification
Concentration: 500 µg/ml	GeneID (NCBI): 138065	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q96D59	
Isotype: IgG	Full Name: ring finger protein 183	
Immunogen Catalog Number: AG36228	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : 5637 cells, HCT 116 cells, HT-29 cells
Species Specificity: human	

Background Information

RNF183, or Ring Finger Protein 183, is a member of the RING finger protein family that functions as a ubiquitin ligase. RNF183 exhibits tissue-specific expression patterns, with higher expression levels in the gall bladder, kidney, and other tissues. RNF183 expression levels are increased in patients with IBD, including Crohn's disease and ulcerative colitis (PMID: 32486221). It promotes intestinal inflammation by increasing the ubiquitination and degradation of IκBα, thereby inducing NF-κB activation (PMID: 31889078). RNF183 has also been implicated in other conditions such as chronic kidney disease and Alzheimer's disease.

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

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

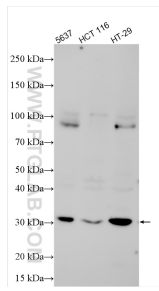
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32715-1-AP (RNF183 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.