

For Research Use Only

RNF34 Polyclonal antibody

Catalog Number: 10629-1-AP **1 Publications**



Basic Information

Catalog Number: 10629-1-AP	GenBank Accession Number: BC007826	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 80196	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q969K3	
Isotype: IgG	Full Name: ring finger protein 34	
Immunogen Catalog Number: AG0982	Calculated MW: 42 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human breast cancer tissue, human colon cancer tissue
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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

RNF34 is an E3 ubiquitin ligase that regulates protein substrates by post-translational modification. It is associated with regulating postsynaptic γ 2-GABAAR clustering and GABAergic synaptic innervation in hippocampal neurons, indicating the importance of RNF34 in regulating neurological function. It is preferentially expressed in esophageal, gastric, and colorectal cancers, suggesting a possible association between RNF34 and the development of digestive tract cancers. Immunoblots showed a single 42-kDa protein band corresponding to the molecular weight of RNF34. (PMID: 31704983, PMID: 25193658)

Notable Publications

Author	Pubmed ID	Journal	Application
Xue Li	37225719	Nat Commun	WB,IF

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:

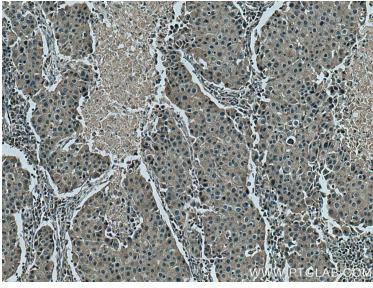
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10629-1-AP (RNF34 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).