

RNF34 Polyclonal antibody

Catalog Number: 10629-1-AP

1 Publications

Basic Information

Catalog Number:

10629-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0982

GenBank Accession Number:

BC007826

GeneID (NCBI):

80196

UNIPROT ID:

Q969K3

Full Name:

ring finger protein 34

Calculated MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IF

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

Positive Controls:

IHC : human breast cancer tissue, human colon cancer tissue

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

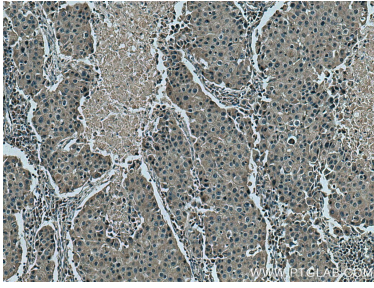
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Selected Validation Data



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).