

For Research Use Only

# RNF34 Polyclonal antibody

Catalog Number: 10629-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

10629-1-AP

### Size:

150ul , Concentration: 133 ug/ml by Bradford method using BSA as the standard;

### 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

### Positive Controls:

IHC : human breast cancer tissue,

**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  $\gamma$  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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

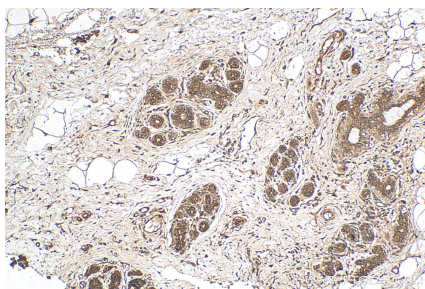
For technical support and original validation data for this product please contact:

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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).