

For Research Use Only

# RNF34 Polyclonal antibody

Catalog Number: 10629-1-AP



## Basic Information

<b>Catalog Number:</b> 10629-1-AP	<b>GenBank Accession Number:</b> BC007826	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150UL, Concentration: 350 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 80196	<b>Recommended Dilutions:</b> IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> ring finger protein 34	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 42 kDa	
<b>Immunogen Catalog Number:</b> AG0982		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human breast cancer tissue,
<b>Species Specificity:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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)

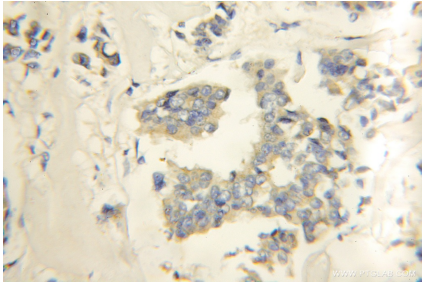
## Storage

**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 using 10629-1-AP (RNF34 antibody) at dilution of 1:50 (under 10x lens).