

## ZNRF2 Polyclonal Antibody

<b>Catalog No :</b>	YT4986
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	ZNRF2
<b>Gene Name :</b>	ZNRF2
<b>Protein Name :</b>	E3 ubiquitin-protein ligase ZNRF2
<b>Human Gene Id :</b>	223082
<b>Human Swiss Prot No :</b>	Q8NHG8
<b>Mouse Gene Id :</b>	387524
<b>Mouse Swiss Prot No :</b>	Q71FD5
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ZNRF2. AA range:161-210
<b>Specificity :</b>	ZNRF2 Polyclonal Antibody detects endogenous levels of ZNRF2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 24kD

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**Background :** domain:The RING-type zinc finger domain is required for E3 ligase activity.,function:May play a role in the establishment and maintenance of neuronal transmission and plasticity via its ubiquitin ligase activity. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 RING-type zinc finger.,subcellular location:Present in presynaptic plasma membranes in neurons.,subunit:Interacts with UBE2N.,tissue specificity:Highly expressed in the brain, with higher expression during development than in adult. Expressed also in mammary glands, testis, colon and kidney.,

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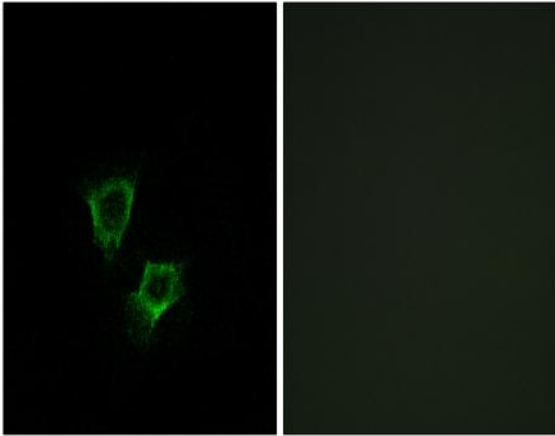
**Subcellular Location :** Endosome membrane ; Peripheral membrane protein . Lysosome membrane ; Peripheral membrane protein . Cell junction, synapse, presynaptic cell membrane ; Peripheral membrane protein .

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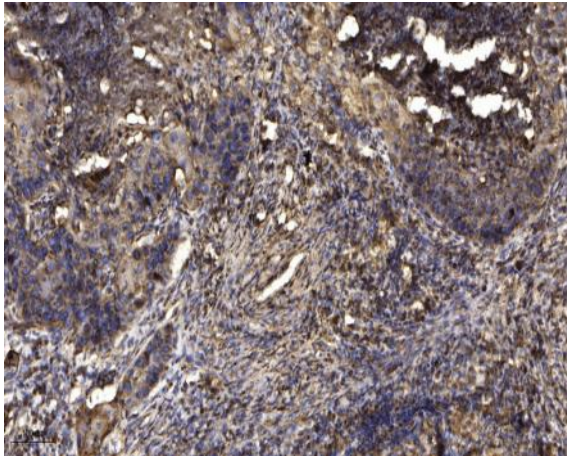
**Expression :** Highly expressed in the brain, with higher expression during development than in adult. Expressed also in mammary glands, testis, colon and kidney.

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## Products Images



Immunofluorescence analysis of A549 cells, using ZNRF2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).