Anti-ZNRF2 antibody

Description	Rabbit polyclonal to ZNRF2.

Model	STJ96351
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human ZNRF2
Immunogen Region	130-210 aa, C-terminal
Gene ID	223082
Gene Symbol	ZNRF2
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	ZNRF2 Polyclonal Antibody detects endogenous levels of ZNRF2 protein.
Tissue Specificity	Highly expressed in the brain, with higher expression during development than in adult. Expressed also in mammary glands, testis, colon and kidney.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase ZNRF2 Protein Ells2 RING finger protein 202 RING-type E3 ubiquitin transferase ZNRF2 Zinc/RING finger protein 2
Molecular Weight	24.115 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:22316OMIM:612061
Alternative Names	E3 ubiquitin-protein ligase ZNRF2 Protein Ells2 RING finger protein 202 RING-type E3 ubiquitin transferase ZNRF2 Zinc/RING finger protein 2
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.
Sequence and Domain Family	The RING-type zinc finger domain is required for E3 ligase activity.
Cellular Localization	Endosome membrane Lysosome membrane Cell junction, synapse, presynaptic cell membrane. Present in presynaptic plasma membranes in neurons.