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Anti-ZNRF2 Antibody

Catalog # AN2153

Product Information

Application	WB
Primary Accession	Q8NHG8
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	24115

Additional Information

Gene ID	223082
Other Names	E3 ubiquitin-protein ligase ZNRF2, Protein Ells2, RING finger protein 202, Zinc/RING finger protein 2, RING-type E3 ubiquitin transferase
Dilution	WB~~1:1000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-ZNRF2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

Protein ubiquitination has been implicated recently in neural development, plasticity, and degeneration. ZNRF1/nin283, is a protein with a unique, evolutionarily conserved C-terminal domain containing a juxtaposed zinc finger/RING finger combination. ZNRF2, is another novel member of the family of ZNRF E3 ubiquitin ligases. Both ZNRF1 and ZNRF2 have E3 ubiquitin ligase activity and are highly expressed in the nervous system, particularly during development. In neurons, ZNRF proteins are located in different compartments within the presynaptic terminal: ZNRF1 is associated with synaptic vesicle membranes, whereas ZNRF2 is present in presynaptic plasma membranes. Data suggest that ZNRF proteins play a role in the establishment and maintenance of neuronal transmission and plasticity via their ubiquitin ligase activity.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.