

**ZNRF1 rabbit pAb****Cat#: orb772514 (Manual)**

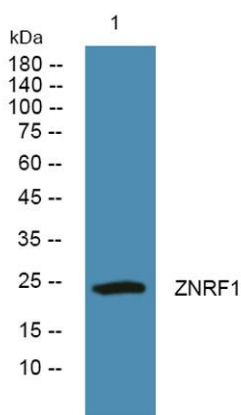
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<b>Product Name</b>	ZNRF1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	ZNRF1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	E3 ubiquitin-protein ligase ZNRF1 (EC 6.3.2.-) (Nerve injury-induced gene 283 protein) (Zinc/RING finger protein 1)
<b>Gene Name</b>	ZNRF1 NIN283
<b>Cellular localization</b>	Endosome. Lysosome. Membrane; Peripheral membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Peripheral membrane protein . Associated with synaptic vesicle membranes in neurons.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	24kD
<b>Human Gene ID</b>	84937
<b>Human Swiss-Prot Number</b>	Q8ND25
<b>Alternative Names</b>	

### Background

This gene encodes an E3 ubiquitin-protein ligase that plays a role in neural-cell differentiation. Overexpression of this gene causes neurite-like elongation. The encoded protein contains both a zinc finger and a RING finger motif and is localized in the endosome/lysosome compartment, indicating that it may be involved in ubiquitin-mediated protein modification, and in synaptic vesicle membranes in neurons. [provided by RefSeq, Feb 2012],



**Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night**