Datasheet for ABIN1418929

anti-ZNRF1 antibody (Cy5.5)

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Overview

Quantity:	100 µL
Target:	ZNRF1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNRF1 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZNRF1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ZNRF1
Alternative Name:	ZNRF1 (ZNRF1 Products)
Background:	Synonyms: E3 ubiquitin protein ligase ZNRF1, E3 ubiquitin-protein ligase ZNRF1, Nerve injury gene 283, Nerve injury induced gene 283 protein, Nerve injury-induced gene 283 protein, NIN283, Rnf42, Zinc and ring finger 1, zinc and ring finger protein 1, zinc finger and ring finger protein 1, Zinc/RING finger protein 1, ZNRF 1, znrf1, ZNRF1_HUMAN, Zrfp1.

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Target Details

	Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. ZNRF1 (zinc and ring finger 1), also known as NIN283, is a 227 amino acid protein that contains one RING-type zinc finger and localizes to the lysosome and the endosome, as well as to cytoplasmic vesicles and the peripheral membrane. Expressed primarily in nervous system tissue, but also present in testis and thymus, ZNRF1 functions as an E3 ubiquitin-protein ligase that is thought to play a role in the establishment and maintenance of neuronal plasticity. Multiple isoforms of ZNRF1 exist due to alternative splicing events.
Gene ID:	84937

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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