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Datasheet for ABIN5009925

anti-SH3RF2 antibody (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	SH3RF2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH3RF2 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RNF158
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SH3RF2
Alternative Name:	RNF158 (SH3RF2 Products)
Background:	Synonyms: Heart protein phosphatase 1-binding protein, HEPP1, Putative E3 ubiquitin protein ligase SH3RF2, Putative E3 ubiquitin-protein ligase SH3RF2, RING finger protein 158, SH3 domain containing RING finger protein 2, SH3 domain-containing RING finger protein 2, SH3R2_HUMAN, Sh3rf2.

Target Details

Background: 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. SH3RF2 (SH3 domain containing ring finger 2), also known as RNF158, is a 729 amino acid protein with one RING-type zinc finger domain and three SH3 domains. Via its RING-type zinc finger domain, SH3RF2 binds an E2 ubiquitin-conjugating enzyme. This suggests that SH3RF2 functions as an E3 ubiquitin-protein ligase that accepts a ubiquitin residue from an E2 ubiquitin-conjugating enzyme and immediately transfers that residue to a protein that is targeted for degradation. Due to alternative splicing events, SH3RF2 is expressed as two different isoforms.

Gene ID: 153769

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