

Datasheet for ABIN6991637
anti-RUSC2 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	RUSC2
Binding Specificity:	AA 70-120, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUSC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	RUSC2 antibody was raised against an 18 amino acid synthetic peptide from near the amino terminus of human RUSC2. The immunogen is located within amino acids 70 - 120 of RUSC2.
Isotype:	IgG
Specificity:	At least three isoforms are known to exist, this antibody will detect all three isoforms. This antibody is predicted to not cross-react with RUSC1.
Purification:	RUSC2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RUSC2
Alternative Name:	RUSC2 (RUSC2 Products)

Target Details

Background: RUSC2 Antibody: RUSC2, also known as Iporin, shares with the related protein RUSC1 a common domain structure of RUN, leucine zipper and SH3 domain in addition to over 30 % amino acid identity. RUSC2 is a rab1-interacting protein that also interacts with GM130, another rab1-interacting protein. RUSC2 interacts with specific rab1 isoforms with different rab-binding specificity. It has been suggested that RUSC2 may function as a link between the targeting of ER derived vesicles triggered by the rab1 GTPase and a signaling pathway composed of proteins containing SH3 and/or poly-proline regions.

Gene ID: 9853

NCBI Accession: [NP_055621](#)

UniProt: [Q8N2Y8](#)

Application Details

Application Notes: RUSC2 antibody can be used for detection of RUSC2 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RUSC2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: RUSC2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.