

Anti-Iporin RUSC2 Antibody

Catalog Number: A12113-1

About RUSC2

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.

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Overview

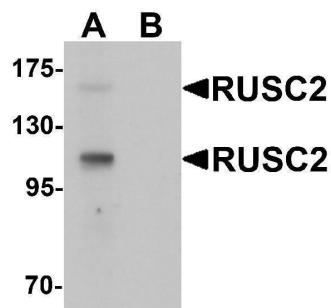
Product Name	Anti-Iporin RUSC2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Iporin RUSC2 Antibody (Catalog # A12113-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	RUSC2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	RUSC2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8N2Y8

Technical Details

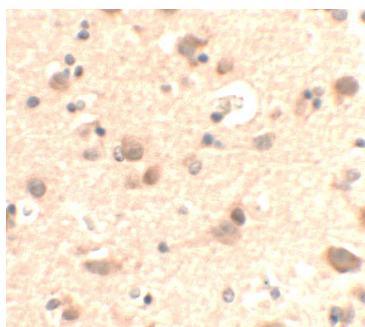
Immunogen	RUSC2 antibody was raised against an 18 amino acid synthetic peptide from near the amino terminus of human RUSC2. The immunogen is located within amino acids 70 - 120 of RUSC2.
Predicted Reactive Species	Mouse
Cross Reactivity	At least three isoforms are known to exist; this antibody will detect all three isoforms. This antibody

	is predicted to not cross-react with RUSC1.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	RUSC2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RUSC2 antibody can be used for detection of RUSC2 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/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. Optimal dilutions for each application should be determined by the researcher.

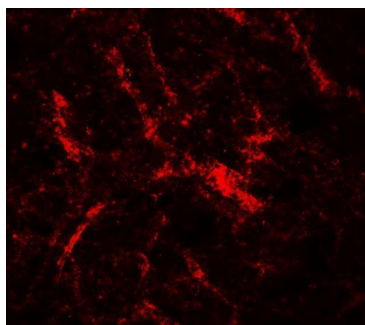
Anti-Iporin RUSC2 Antibody (A12113-1) Images



Western blot analysis of RUSC2 in SK-N-SH cell lysate with RUSC2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide



Immunohistochemistry of RUSC2 in human brain tissue with RUSC2 antibody at 5 ug/mL.



Immunofluorescence of RUSC2 in human brain tissue with RUSC2 antibody at 20 ug/mL.

Anti-Iporin RUSC2 Antibody

For Research Use Only. Not for use in diagnostic procedures.