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## Datasheet for ABIN1713891 anti-RUSC1 antibody (AA 281-380)



Overview

Quantity:	100 μL
Target:	RUSC1
Binding Specificity:	AA 281-380
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUSC1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RUSC1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Pig
Purification:	Purified by Protein A.
Target Details	
Target:	RUSC1

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Target Details	
Alternative Name:	RUSC1 (RUSC1 Products)
Background:	Synonyms: DKFZp761A1822, Nesca, New molecule containing SH3 at the carboxy terminus,
	RUN and SH3 domain containing 1, RUN and SH3 domain containing protein 1, RUSC 1.
	Background: RUSC1 is a 902 amino acid protein that contains a RUN domain and a SH3
	domain. RUSC1?s RUN domain is necessary for NGF induced nuclear redistribution. RUSC1 is a
	putative signaling adapter which may play a role in neuronal differentiation. RUSC1 seems to be
	involved in signaling pathways that are regulated by the prolonged activation of MAPK. RUSC2
	(RUN and SH3 domain containing 2), also known as Iporin, is a 1,516 amino acid cytoplasmic
	protein that is widely expressed, with highest levels in brain and testis. The RUN domain of
	RUSC2 is required for interaction with Rab 1A, Rab 1B and GM130. It is thought that RUSC2
	may possibly function as a connector between endoplasmic reticulum (ER) derived vesicle
	targets triggered by the Rab 1 GTPases and a signaling pathway regulated by molecules
	containing SH3 and/or poly-proline regions. RUSC2 also consists of a SH3 domain, suggesting
	a role in protein-protein interactions.

## Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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.

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Handling	
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months