Datasheet for ABIN7270114

anti-RUSC1 antibody (AA 1-320)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	RUSC1
Binding Specificity:	AA 1-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUSC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	RUSC1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-320 of human RUSC1 (NP_055143.2).
Sequence:	MAEAQSGTGQ LQEQKKGLLI AVSVSVDKII SHFGAARNLV QKAQLGDSRL SPDVGHLVLT TLCPALHALV ADGLKPFRKD LITGQRRSSP WSVVEASVKP GSSTRSLGTL YSQVSRLAPL SSSRSRFHAF ILGLLNTKQL ELWFSSLQED AGLLSLLYLP TGFFSLARGG CPSLSTELLL LLQPLSVLTF HLDLLFEHHH HLPLGPPQAP APPGPPPALQ QTMQAMLHFG GRLAQSLRGT SKEAASDPSD SPNLPTPGSW WEQLTQASRV YASGGTEGFP LSRWAPGRHG TAAEEGAQER PLPTDEMAPG RGLWLGRLFG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Product Details

Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

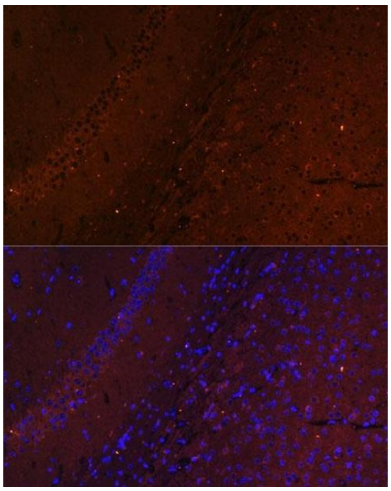
Target:	RUSC1
Alternative Name:	RUSC1 (RUSC1 Products)
Background:	Associates with the adapter-like complex 4 (AP-4 and may therefore play a role in vesicular trafficking of proteins at the trans-Golgi network. Signaling adapter which plays a role in neuronal differentiation. Involved in regulation of NGF-dependent neurite outgrowth. May play a role in neuronal vesicular trafficking, specifically involving pre-synaptic membrane proteins (By similarity. Seems to be involved in signaling pathways that are regulated by the prolonged activation of MAPK. Can regulate the polyubiquitination of IKBKG and thus may be involved in regulation of the NF-kappa-B pathway.,RUSC1,NESCA,Signal Transduction,Neuroscience,RUSC1
Molecular Weight:	46kDa/52kDa/85kDa/96kDa
Gene ID:	23623
UniProt:	Q9BVN2

Application Details

Application Notes:	WB,1:200 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

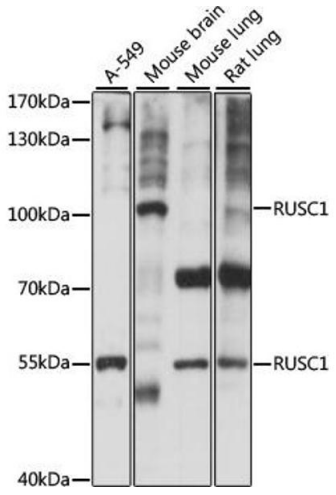
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



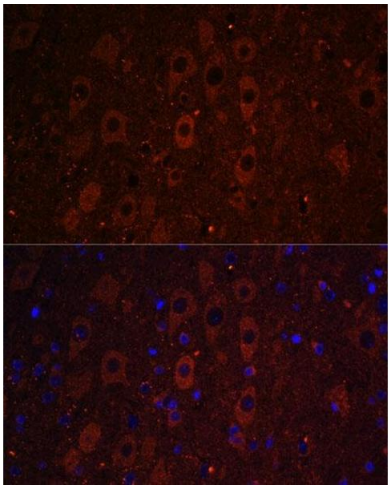
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse brain using RUSC1 antibody (ABIN7270114) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RUSC1 antibody (ABIN7270114) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.



Immunofluorescence

Image 3. Immunofluorescence analysis of mouse brain using RUSC1 antibody (ABIN7270114) at dilution of 1:100. Blue: DAPI for nuclear staining.