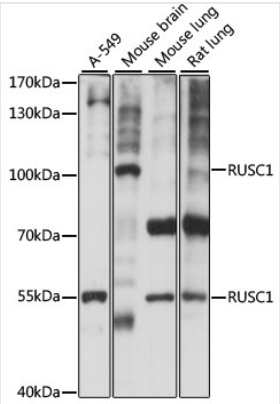
RUSC1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RUSC1, Polyclonal Antibody
Full Product Name	RUSC1 Polyclonal Antibody
Product Gene Name	anti-RUSC1 antibody
Product Synonym Names	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
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity Purification
Concentration	1 mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	Calculated: 46kDa; 52kDa; 85kDa; 96kDa Observed: 55kDa; 100kDa
3D Structure	ModBase 3D Structure for Q9BVN2
Immunogen	Recombinant protein of human RUSC1
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RUSC1 antibody	Western Blot (WB)
Application Notes for anti-RUSC1 antibody	WB: 1:200-1:2000
Related Product Information for anti-RUSC1 antibody	MBS2555683 is an antibody targeting RUSC1. Also known as RUSC1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-RUSC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RUSC1 antibody
Western blot analysis of extracts of various cell lines, using RUSC1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RUSC1. It may not necessarily be applicable to this product.

NCBI GI #	157412245
NCBI GeneID	23623
NCBI Accession #	NP_001098673.1
UniProt Primary Accession #	Q9BVN2
UniProt Secondary Accession #	Q5T9U9; Q5T9V0; Q5T9V1; Q5T9V2; Q9UPY4; Q9Y4T5; B3KWM9
UniProt Related Accession #	Q9BVN2
GenBank Nucleotide #	NM_001105203.2
NCBI Official Full Name	RUN and SH3 domain-containing protein 1 isoform a
NCBI Official Synonym Full Names	RUN and SH3 domain containing 1
NCBI Official Symbol	RUSC1
NCBI Official Synonym Symbols	NESCA
UniProt Protein Name	RUN and SH3 domain-containing protein 1
UniProt Synonym Protein Names	New molecule containing SH3 at the carboxy-terminus; Nesca
Protein Family	RUN and SH3 domain-containing protein
UniProt Gene Name	RUSC1
UniProt Synonym Gene Names	NESCA; Nesca
NCBI Protein Information	RUN and SH3 domain-containing protein 1
UniProt Comments for RUSC1	Putative signaling adapter which may play a role in neuronal differentiation. May be involved in regulation of NGF-dependent neurite outgrowth. Proposed to play a role in neuronal vesicular trafficking, specifically involving pre-synaptic membrane proteins. 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.
Research Articles on RUSC1	**1.** AP-4 deficiency causes missorting of ATG9A in diverse cell types, including patient-derived cells, as well as dysregulation of autophagy.

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