SRGAP2C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRGAP2C, Polyclonal Antibody
Full Product Name	SRGAP2C Antibody, HRP conjugated
Product Gene Name	anti-SRGAP2C antibody
Product Synonym Names	SLIT-ROBO Rho GTPase-activating protein 2C; SLIT-ROBO Rho GTPase activating protein 2 pseudogene 1; SRGAP2C; SRGAP2P1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: SRGAP2C (MBS7045820) HRP Conjugated Antibody: SRGAP2C (MBS7044991)
Molecular Weight	53,484 Da
OMIM	614704
3D Structure	ModBase 3D Structure for P0DJJ0
Species	Human
Immunogen	Recombinant human SLIT-ROBO Rho GTPase-activating protein 2C protein
Conjugate	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SRGAP2C antibody	ELISA (EIA)
Related Product Information for anti-SRGAP2C antibody	Involved in dendritic spine maturation through interaction with and inhibition of SRGAP2. Reduces the rate of spine maturation and indirectly increases neuronal migration. Changes dendritic spine morphology and density and may have implications for cognition, learning and memory.
Other Notes	Small volumes of anti-SRGAP2C 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.
Searchable Terms for SRGAP2C purchase	MBS7044991 is an antibody targeting SRGAP2C. Also known as SRGAP2C Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SRGAP2C. It may not necessarily be applicable to this product.

NCBI GI #	530429888
NCBI GeneID	653464
NCBI Accession #	XP_005277554.1
UniProt Primary Accession #	P0DJJ0
UniProt Related Accession #	P0DJJ0
GenBank Nucleotide #	XM_005277497.3
NCBI Official Synonym Full Names	SLIT-ROBO Rho GTPase activating protein 2C
NCBI Official Symbol	SRGAP2C
NCBI Official Synonym Symbols	SRGAP2P1
UniProt Protein Name	SLIT-ROBO Rho GTPase-activating protein 2C
UniProt Synonym Protein Names	SLIT-ROBO Rho GTPase activating protein 2 pseudogene 1
Protein Family	SLIT-ROBO Rho GTPase-activating protein
UniProt Gene Name	SRGAP2C
UniProt Synonym Gene Names	SRGAP2P1
UniProt Entry Name	SRG2C_HUMAN
NCBI Protein Information	SLIT-ROBO Rho GTPase-activating protein 2C
NCBI Summary for SRGAP2C	This locus encodes a member of the SLIT-ROBO Rho GTPase activating protein family. This human-specific locus resulted from segmental duplication of the SLIT-ROBO Rho GTPase activating protein 2B locus. The encoded protein lacks the GTPase activating protein domain compared to proteins encoded by SLIT-ROBO Rho GTPase activating protein 2, and acts antagonistically to these proteins in cortical neuron development. [provided by RefSeq, Dec 2012]
UniProt Comments for SRGAP2C	SRGAP2C: Involved in dendritic spine maturation through interaction with and inhibition of SRGAP2. Reduces the rate of spine maturation and indirectly increases neuronal migration. Changes dendritic spine morphology and density and may have implications for cognition, learning and memory. Homodimer. Interacts with SRGAP2; formation of the heterodimer alters SRGAP2 function Chromosomal Location of Human Ortholog: 1p11.2 Cellular Component: cytoplasm Molecular Function: GTPase activator activity; protein heterodimerization activity; protein homodimerization activity; Rac GTPase binding Biological Process: extension of a leading process involved in cell locomotion in cerebral cortex radial glia guided migration; negative regulation of cell migration; negative regulation of filopodium formation
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