SRGAP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRGAP2, Polyclonal Antibody
Full Product Name	SRGAP2 (SLIT-ROBO Rho GTPase-activating Protein 2, srGAP2, Formin-Binding Protein 2, Rho GTPase-activating Protein 34, SRGAP2, ARHGAP34, FNBP2, KIAA0456, SRGAP2A) (HRP)
Product Gene Name	anti-SRGAP2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human SRGAP2. Species Crossreactivity: human
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates.
Molecular Weight	120,881 Da
OMIM	606524
3D Structure	ModBase 3D Structure for O75044
Immunogen	KLH conjugated synthetic peptide corresponding to aa997-1030 at the C-terminal region of human SRGAP2.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-SRGAP2 antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-SRGAP2 antibody	Western Blot (WB)
Application Notes for anti-SRGAP2 antibody	WB: 1:2000 Applications are based on unconjugated antibody.
Related Product Information for anti-SRGAP2 antibody	MBS6459510 is an antibody targeting SRGAP2. Also known as SRGAP2 (SLIT-ROBO Rho GTPase-activating Protein 2, srGAP2, Formin-Binding Protein 2, Rho GTPase-activating Protein 34, SRGAP2, ARHGAP34, FNBP2, KIAA0456, SRGAP2A) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-SRGAP2 antibody	Seki N., et al. DNA Res. 4:345-349(1997). Wong K., et al. Cell 107:209-221(2001). Olsen J.V., et al. Cell 127:635-648(2006). Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008). Gauci S., et al. Anal. Chem. 81:4493-4501(2009).
Other Notes	Small volumes of anti-SRGAP2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SRGAP2. It may not necessarily be applicable to this product.

NCBI GI #	282165721
NCBI GeneID	23380
NCBI Accession #	NP_001164108.1
UniProt Primary Accession #	O75044
UniProt Related Accession #	O75044
GenBank Nucleotide #	NM_001170637.3
NCBI Official Full Name	SLIT-ROBO Rho GTPase-activating protein 2 isoform c
NCBI Official Synonym Full Names	SLIT-ROBO Rho GTPase activating protein 2
NCBI Official Symbol	SRGAP2
NCBI Official Synonym Symbols	FNBP2; SRGAP3; SRGAP2A; ARHGAP34
UniProt Protein Name	SLIT-ROBO Rho GTPase-activating protein 2
UniProt Synonym Protein Names	Formin-binding protein 2; Rho GTPase-activating protein 34
Protein Family	SLIT-ROBO Rho GTPase-activating protein
UniProt Gene Name	SRGAP2
UniProt Synonym Gene Names	ARHGAP34; FNBP2; KIAA0456; SRGAP2A; srGAP2
UniProt Entry Name	SRGP2_HUMAN
NCBI Protein Information	SLIT-ROBO Rho GTPase-activating protein 2; SLIT-ROBO GAP2; formin-binding protein 2; rho GTPase-activating protein 34
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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