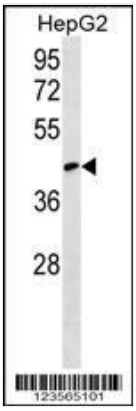
RCSD1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RCSD1, Polyclonal Antibody
Full Product Name	RCSD1, ID (RCSD1, CAPZIP, CapZ-interacting protein, Protein kinase substrate CapZIP, RCSD domain-containing protein 1) (FITC)
Product Gene Name	anti-RCSD1 antibody
Product Synonym Names	RCSD1; CAPZIP; CapZ-interacting protein; Protein kinase substrate CapZIP; RCSD domain-containing protein 1
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 Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
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. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	44,504 Da
OMIM	610579
3D Structure	ModBase 3D Structure for Q6JBY9
Immunogen	RCSD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-266 amino acids from the Central region of human RCSD1.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-RCSD1 antibody	Antibodies; Protein Kinase Substrates
Applications Tested/Suitable for anti-RCSD1 antibody	Western Blot (WB), FLISA
Application Notes for anti-RCSD1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RCSD1 antibody	Stress-induced phosphorylation of CAPZIP may regulate the ability of F-actin-capping protein to remodel actin filament assembly.
Product References and Citations for anti-RCSD1 antibody	Ehret, G.B., et al. Eur. J. Hum. Genet. 17(12):1650-1657(2009). Cheung, C.L., et al. Hum. Mol. Genet. 18(4):679-687(2009). De Braekeleer, E., et al. Leukemia 21(10):2220-2221(2007). Eyers, C.E., et al. Biochem. J. 389 (PT 1), 127-135 (2005).

Other Notes	Small volumes of anti-RCSD1 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 RCSD1 purchase	MBS6341106 is an antibody targeting RCSD1. Also known as RCSD1, ID (RCSD1, CAPZIP, CapZ-interacting protein, Protein kinase substrate CapZIP, RCSD domain-containing protein 1) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RCSD1 antibody
RCSD1 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the RCSD1 antibody detected the RCSD1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RCSD1. It may not necessarily be applicable to this product.

NCBI GI #	217035154
NCBI GeneID	92241
NCBI Accession #	NP_443094.3
UniProt Primary Accession #	Q6JBY9
UniProt Secondary Accession #	Q4G0E7; Q6IN93; Q8IZM2; Q96DX0; Q9NST4; B1AK48
UniProt Related Accession #	Q6JBY9
GenBank Nucleotide #	NM_052862.3
NCBI Official Full Name	capZ-interacting protein
NCBI Official Synonym Full Names	RCSD domain containing 1
NCBI Official Symbol	RCSD1
NCBI Official Synonym Symbols	MK2S4; CAPZIP
UniProt Protein Name	CapZ-interacting protein
UniProt Synonym Protein Names	Protein kinase substrate CapZIP; RCSD domain-containing protein 1
Protein Family	CapZ-interacting protein
UniProt Gene Name	RCSD1
UniProt Synonym Gene Names	CAPZIP
UniProt Entry Name	CPZIP_HUMAN
NCBI Protein Information	capZ-interacting protein; protein kinase substrate MK2S4; protein kinase substrate CapZIP; RCSD domain-containing protein 1

UniProt Comments for RCSD1	CapZIP: Stress-induced phosphorylation of CAPZIP may regulate the ability of F-actin-capping protein to remodel actin filament assembly. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cytoskeletal Chromosomal Location of Human Ortholog: 1q24.2 Cellular Component: actin filament Molecular Function: actin filament binding Biological Process: skeletal muscle contraction
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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