RAP1A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAP1A, Polyclonal Antibody
Full Product Name	RAP1A, CT (RAP1A, KREV1, Ras-related protein Rap-1A, C21KG, G-22K, GTP-binding protein smg p21A, Ras-related protein Krev-1) (MaxLight 750)
Product Gene Name	anti-RAP1A antibody
Product Synonym Names	RAP1A; KREV1; Ras-related protein Rap-1A; C21KG; G-22K; GTP-binding protein smg p21A; Ras-related protein Krev-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	184
Chromosome Location	Chromosome: 1; NC_000001.10 (112162405..112256807). Location: 1p13.3
OMIM	179520
3D Structure	ModBase 3D Structure for P62834
Immunogen	RAP1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-170 amino acids from the C-terminal region of human RAP1A.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-RAP1A antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-RAP1A antibody	Western Blot (WB), FLISA
Application Notes for anti-RAP1A antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RAP1A antibody	MaxLight750 is a new Near IR stable dye conjugate comparable to DyLight750, Alexa Fluor700 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (759nm); Emission (780nm); Extinction Coefficient 240,000.
Product References and Citations for anti-RAP1A antibody	Liu, C., et al. Mol. Cell. Biol. 30(16):3956-3969(2010). Kelly, P., et al. J. Biol. Chem. 285(21):15777-15785(2010). Ahmed, S.M., et al. J. Biol. Chem. 285(9):6538-6551(2010). Hsu, Y.H., et al. PLoS Genet. 6 (6), E1000977 (2010): Sarthy, J., et al. EMBO J. 28(21):3390-3399(2009).

Other Notes	Small volumes of anti-RAP1A 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 RAP1A purchase	MBS6340249 is an antibody targeting RAP1A. Also known as RAP1A, CT (RAP1A, KREV1, Ras-related protein Rap-1A, C21KG, G-22K, GTP-binding protein smg p21A, Ras-related protein Krev-1) (MaxLight 750). Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAP1A. It may not necessarily be applicable to this product.

NCBI GI #	58331202
NCBI GeneID	5906
NCBI Accession #	NP_001010935.1
NCBI Related Accession #	NP_002875.1
UniProt Primary Accession #	P62834
UniProt Secondary Accession #	P10113
UniProt Related Accession #	P62834
GenBank Nucleotide #	NM_001010935.1
NCBI Official Full Name	ras-related protein Rap-1A
NCBI Official Synonym Full Names	RAP1A, member of RAS oncogene family
NCBI Official Symbol	RAP1A
NCBI Official Synonym Symbols	RAP1; KREV1; KREV-1; SMGP21
UniProt Protein Name	Ras-related protein Rap-1A
UniProt Synonym Protein Names	C21KG; G-22K; GTP-binding protein smg p21A; Ras-related protein Krev-1
Protein Family	Ras-related protein
UniProt Gene Name	RAP1A
UniProt Synonym Gene Names	KREV1
UniProt Entry Name	RAP1A_HUMAN
NCBI Protein Information	ras-related protein Rap-1A; C21KG; G-22K; RAS-related protein RAP1A; Ras-related protein Krev-1; GTP-binding protein smg p21A
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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