ARHG6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARHG6, Polyclonal Antibody
Full Product Name	ARHG6 Rabbit Polyclonal Antibody
Product Gene Name	anti-ARHG6 antibody
Product Synonym Gene Name	ARHGEF6, COOL2, KIAA0006, PIXA
Product Synonym Names	BH6842; Rho guanine nucleotide exchange factor 6 (Alpha-Pix)(COOL-2)(PAK-interacting exchange factor alpha)(Rac/Cdc42 guanine nucleotide exchange factor 6)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	ARHG6 Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	87,499 Da
Chromosome Location	Chromosome: X; NC_000023.11 (136665549..136781344, complement). Location: Xq26.3
OMIM	300267
3D Structure	ModBase 3D Structure for Q15052
Immunogen	Synthesized peptide derived from human protein. at AA range: 580-660
Modification	Unmodified/Total
Applications Tested/Suitable for anti-ARHG6 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ARHG6 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-ARHG6 antibody	Rac/Cdc42 guanine nucleotide exchange factor 6 (ARHGEF6) Homo sapiens Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein belongs to a family of Cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It may form a complex with G proteins and stimulate Rho-dependent signals. This protein is activated by PI3-kinase. Mutations in this gene can cause X-chromosomal non-specific mental retardation. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-ARHG6 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 ARHG6 purchase	MBS9513411 is an antibody targeting ARHG6. Also known as ARHG6 Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHG6. It may not necessarily be applicable to this product.

NCBI GI #	22027525
NCBI GeneID	9459
NCBI Accession #	NP_004831.1
UniProt Primary Accession #	Q15052
UniProt Secondary Accession #	Q15396; Q5JQ66; Q7Z3W1; Q86XH0; A6NMW9; A8K6S7; B1AL37
UniProt Related Accession #	Q15052
GenBank Nucleotide #	NM_004840.2
NCBI Official Full Name	rho guanine nucleotide exchange factor 6
NCBI Official Synonym Full Names	Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6
NCBI Official Symbol	ARHGEF6
NCBI Official Synonym Symbols	PIXA; COOL2; MRX46; Cool-2; alphaPIX; alpha-PIX
UniProt Protein Name	Rho guanine nucleotide exchange factor 6
UniProt Synonym Protein Names	Alpha-Pix; COOL-2; PAK-interacting exchange factor alpha; Rac/Cdc42 guanine nucleotide exchange factor 6
UniProt Gene Name	ARHGEF6
UniProt Synonym Gene Names	COOL2; KIAA0006; PIXA
UniProt Entry Name	ARHG6_HUMAN
NCBI Protein Information	rho guanine nucleotide exchange factor 6; PAK-interacting exchange factor alpha; PAK-interacting exchange factor, alpha; Rac/Cdc42 guanine exchange factor (GEF) 6; rac/Cdc42 guanine nucleotide exchange factor 6
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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