DOCK9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DOCK9, Polyclonal Antibody
Full Product Name	DOCK9 Conjugated Antibody
Product Gene Name	anti-DOCK9 antibody
Product Synonym Names	ZIZ1; ZIZIMIN1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total DOCK9 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	142,650 Da
OMIM	607325
3D Structure	ModBase 3D Structure for Q9BZ29
Immunogen	Synthetic peptide of human DOCK9
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-DOCK9 antibody	Most Applications
Application Notes for anti-DOCK9 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-DOCK9 antibody	Guanine nucleotide-exchange factor (GEF) that activates CDC42 by exchanging bound GDP for free GTP. Overexpression induces filopodia formation.
Other Notes	Small volumes of anti-DOCK9 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 DOCK9 purchase	MBS9454934 is an antibody targeting DOCK9. Also known as DOCK9 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DOCK9. It may not necessarily be applicable to this product.

NCBI GI #	24308029
NCBI GeneID	23348
NCBI Accession #	NP_056111
UniProt Primary Accession #	Q9BZ29
UniProt Secondary Accession #	Q5JUD4; Q5JUD6; Q5T2Q1; Q5TAN8; Q9BZ25; Q9BZ26; Q9BZ27; Q9BZ28; Q9UPU4; B3KX25; E9PFM9
UniProt Related Accession #	Q9BZ29
GenBank Nucleotide #	NM_015296.2
NCBI Official Full Name	dedicator of cytokinesis protein 9 isoform a
NCBI Official Synonym Full Names	dedicator of cytokinesis 9
NCBI Official Symbol	DOCK9
NCBI Official Synonym Symbols	ZIZ1; ZIZIMIN1
UniProt Protein Name	Dedicator of cytokinesis protein 9
UniProt Synonym Protein Names	Cdc42 guanine nucleotide exchange factor zizimin-1
Protein Family	Dedicator of cytokinesis protein
UniProt Gene Name	DOCK9
UniProt Synonym Gene Names	KIAA1058
UniProt Entry Name	DOCK9_HUMAN
NCBI Protein Information	dedicator of cytokinesis protein 9
Research Articles on DOCK9	**1.** c.2262A>C substitution in DOCK9 leads to a splicing aberration. However, because the mutation effect was observed in vitro, a definitive relationship between DOCK9 and KTCN phenotype could not be established.
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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