



Anti-DOCK4 polyclonal antibody (DPAB-DC1139)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	DOCK4 (dedicator of cytokinesis 4) is a protein-coding gene. Diseases associated with DOCK4 include intraductal papilloma, and colorectal cancer, and among its related super-pathways are Platelet activation, signaling and aggregation. GO annotations related to this gene include PDZ domain binding and SH3 domain binding. An important paralog of this gene is DOCK3.
Specificity	Specific to recombinant protein GX0390. This antibody detects mDOCK4 protein.
Immunogen	Recombinant GST fusion protein corresponding to 254 mouse Dock4. The sequence is CLSPRDRPCSAIYPTPVEPSQRMLFNHIGDGLPRSDPNLSAPEKAVNPTPSSWSLDSGK EAKNMSDSGKLISPPVPPRPTQTASPARHTTSVSPSPAGRSPLKGSVQSFTSPVEYNP GLSSNSPVLGSYSSGSISSLRCSSTSETSGFENQANEQSVVPVPVPVPVPVPSFSGSEE PVRKESKTPPPYSVYERTLRRPVPLPHSLIPVTSEPPALPPKPLAARSSHLENGTRRTE PGPRPRPLPRKVSQ
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Dock4 dedicator of cytokinesis 4 [Mus musculus (house mouse)]
Official Symbol	DOCK4
Synonyms	DOCK4; dedicator of cytokinesis 4; AF263288; mKIAA0716; 5330406C03; C030023J22; 6330411N01Rik; dedicator of cytokinesis protein 4;
Entrez Gene ID	238130
Protein Refseq	NP_766391
UniProt ID	P59764
Chromosome Location	12 B1; 12 18.06 cM
Pathway	Rap1 signaling pathway;
Function	PDZ domain binding; Rac GTPase activator activity; Rac GTPase binding; SH3 domain binding