



Human DOCK1 blocking peptide (CDBP1032)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-DOCK1 antibody
Antigen Description	This gene encodes a member of the dedicator of cytokinesis protein family. Dedicator of cytokinesis proteins act as guanine nucleotide exchange factors for small Rho family G proteins. The encoded protein regulates the small GTPase Rac, thereby influencing several biological processes, including phagocytosis and cell migration. Overexpression of this gene has also been associated with certain cancers. Alternative splicing results in multiple transcript variants.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	DOCK1 dedicator of cytokinesis 1 [Homo sapiens]
Official Symbol	DOCK1
Synonyms	DOCK1; dedicator of cytokinesis 1; dedicator of cyto kinesis 1; dedicator of cytokinesis protein 1; ced5; DOCK180; DOWnstream of CrK; dedicator of cyto-kinesis 1; 180 kDa protein

downstream of CRK;

Entrez Gene ID	1793
mRNA Refseq	NM_001380
Protein Refseq	NP_001371
UniProt ID	Q14185
Chromosome Location	10q26.13-q26.3
Pathway	Axon guidance, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; DCC mediated attractive signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Focal Adhesion, organism-specific biosystem;
Function	GTP binding; GTPase activator activity; GTPase binding; SH3 domain binding; guanyl-nucleotide exchange factor activity; protein binding;