



Human GRAP2 blocking peptide (CDBP1425)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GRAP2/GRID/ Grf40 antibody
Antigen Description	This gene encodes a member of the GRB2/Sem5/Drk family. This member is an adaptor-like protein involved in leukocyte-specific protein-tyrosine kinase signaling. Like its related family member, GRB2-related adaptor protein (GRAP), this protein contains an SH2 domain flanked by two SH3 domains. This protein interacts with other proteins, such as GRB2-associated binding protein 1 (GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
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	GRAP2 GRB2-related adaptor protein 2 [Homo sapiens]
Official Symbol	GRAP2
Synonyms	GRAP2; GRB2-related adaptor protein 2; GRB2-related adapter protein 2; GADS; GRBLG;

GrbX; Grf40; Mona; grf-40; GRB-2-like protein; adapter protein GRID; grf40 adapter protein; SH3-SH2-SH3 adapter Mona; SH3-SH2-SH3 adaptor molecule; growth factor receptor-binding protein; GRB2-related protein with insert domain; hematopoietic cell-associated adapter protein GrpL; hematopoietic cell-associated adaptor protein GRPL; growth factor receptor-bound protein 2-related adaptor protein 2; P38; GRID; GRPL; GRB2L; GRAP-2;

Entrez Gene ID	9402
mRNA Refseq	NM_004810
Protein Refseq	NP_004801
UniProt ID	O75791
Chromosome Location	22q13.2
Pathway	Adaptive Immune System, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; Generation of second messenger molecules, organism-specific biosystem; Immune System, organism-specific biosystem; JNK signaling in the CD4+ TCR pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Function	SH3/S2 adaptor activity; protein binding;
