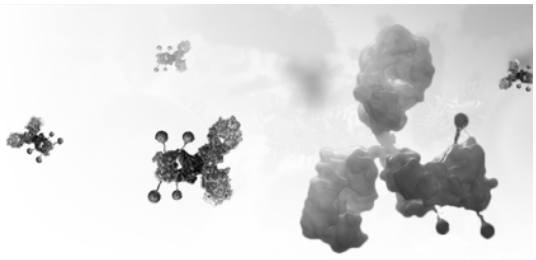

Human GRB2 blocking peptide (CDBP1427)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GRB2 antibody
Antigen Description	The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of C.elegans, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different 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	GRB2 growth factor receptor-bound protein 2 [Homo sapiens]
Official Symbol	GRB2
Synonyms	GRB2; growth factor receptor-bound protein 2; NCKAP2; HT027; protein Ash; SH2/SH3 adapter GRB2; abundant SRC homology; growth factor receptor-bound protein 3; epidermal

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	growth factor receptor-binding protein GRB2; ASH; Grb3-3; MST084; MSTP084; EGFRBP-GRB2;
Entrez Gene ID	2885
mRNA Refseq	NM_002086
Protein Refseq	NP_002077
UniProt ID	P62993
Chromosome Location	17q24-q25
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; Axon guidance, organism-specific biosystem;
Function	SH3/SH2 adaptor activity; ephrin receptor binding; epidermal growth factor receptor binding; insulin receptor substrate binding; neurotrophin TRKA receptor binding; phosphoprotein binding; phosphotyrosine binding; protein binding; protein domain specific

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