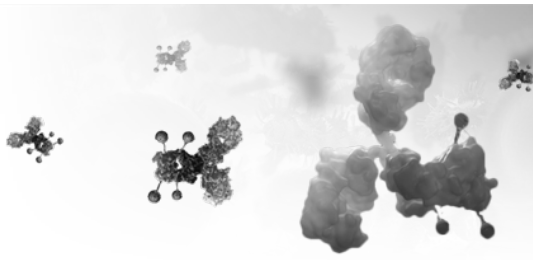

Human GAB2 blocking peptide (CDBP1313)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GAB2 antibody
Antigen Description	This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described 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	GAB2 GRB2-associated binding protein 2 [Homo sapiens]
Official Symbol	GAB2
Synonyms	GAB2; GRB2-associated binding protein 2; GRB2-associated-binding protein 2; Grb2

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	associated binder 2; KIAA0571; pp100; Grb2-associated binder 2; growth factor receptor bound protein 2-associated protein 2;
Entrez Gene ID	9846
mRNA Refseq	NM_012296
Protein Refseq	NP_036428
UniProt ID	Q9UQC2
Chromosome Location	11q13.4-q13.5
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem;
Function	SH3/SH2 adaptor activity; phosphatidylinositol-3,4,5-trisphosphate binding; phosphatidylinositol-3,4-bisphosphate binding; protein binding; transmembrane receptor protein tyrosine kinase adaptor activity;

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