



Anti-GRB2 (full length) polyclonal antibody (DPAB-DC1450)

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

PRODUCT INFORMATION

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 <i>Sem5</i> gene of <i>C.elegans</i> , which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	GRB2 (AAH00631, 1 a.a. ~ 217 a.a) full-length recombinant protein with GST tag. The sequence is MEIAIAKYDFKATADDELSFKRGDILKVLNEECDQNWyKAELNGKDGFIPIKNYIEMKPHPW FFGKIPRAKAEEMLSKQRHDGAFLIRESESAPGDFSLSVKFGNDVQHFKVLRDGAGKYFL WVVKFNSLNELVYDHRSTSVRNQQIFLRDIEQVPPQQPTVQALDFDPQEDGELGFRRG DFIHVMDNSDPNWWKGACHGQTGMFPRNYVTPVNRNV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GRB2 growth factor receptor-bound protein 2 [Homo sapiens (human)]
Official Symbol	GRB2
Synonyms	GRB2; growth factor receptor-bound protein 2; ASH; Grb3-3; MST084; NCKAP2; MSTP084; EGFRBP-GRB2; HT027; protein Ash; SH2/SH3 adapter GRB2; abundant SRC homology; growth factor receptor-bound protein 3; epidermal growth factor receptor-binding protein GRB2;
Entrez Gene ID	2885
Protein Refseq	NP_002077
UniProt ID	B0LPF3
Chromosome Location	17q24-q25
Pathway	Acute myeloid leukemia; Adaptive Immune System; Alcoholism; Angiopoietin receptor Tie2-mediated signaling
Function	SH3 domain binding; SH3/SH2 adaptor activity; ephrin receptor binding; epidermal growth factor receptor binding