

Immunotag™ Grap Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT2052
Product Description	Immunotag™ Grap Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GRAP
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human GRAP. AA range:1-50
Specificity	Grap Polyclonal Antibody detects endogenous levels of Grap protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	GRAP
Accession No.	Q13588 Q9CX99
Alternate Names	GRAP; GRB2-related adapter protein

Antibody Specification

Description	GRB2-related adaptor protein(GRAP) Homo sapiens This gene encodes a member of the GRB2/Sem5/Drk family and functions as a cytoplasmic signaling protein which contains an SH2 domain flanked by two SH3 domains. The SH2 domain interacts with ligand-activated receptors for stem cell factor and erythropoietin, and facilitates the formation of a stable complex with the BCR-ABL oncoprotein. This protein also associates with the Ras guanine nucleotide exchange factor SOS1 (son of sevenless homolog 1) through its N-terminal SH3 domain. In general, it couples signals from receptor and cytoplasmic tyrosine kinases to the Ras signaling pathway. [provided by RefSeq, Jul 2012],
Protein Expression	Blood,Brain,
Subcellular Localization	cytoplasm,cytosol,
Protein Function	function:Couples signals from receptor and cytoplasmic tyrosine kinases to the Ras signaling pathway.,similarity:Belongs to the GRB2/sem-5/DRK family.,similarity:Contains 1 SH2 domain.,similarity:Contains 2 SH3 domains.,subunit:Associates through its SH2 domain with ligand-activated receptors for stem cell factor (KIT) and erythropoietin (EPOR). Also forms a stable complex with the Bcr-Abl oncoprotein. GRAP is associated with the Ras guanine nucleotide exchange factor SOS1, primarily through its N-terminal SH3 domain. Interacts with phosphorylated LAT upon TCR activation. Interacts with SHB.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.