



Grap rabbit pAb

Cat No.:ES4549

For research use only

Overview

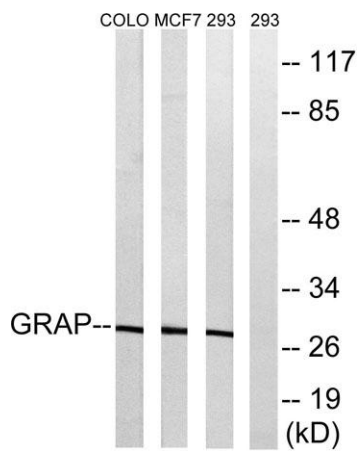
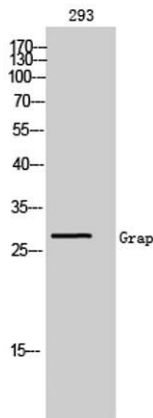
Product Name	Grap rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GRAP. AA range:1-50
Specificity	Grap Polyclonal Antibody detects endogenous levels of Grap protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	GRB2-related adapter protein
Gene Name	GRAP
Cellular localization	Membrane ; Peripheral membrane protein . Cell junction, synapse . Localizes at the presynaptic terminal. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	28kD
Human Gene ID	10750
Human Swiss-Prot Number	Q13588
Alternative Names	GRAP; GRB2-related adapter protein
Background	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],

Western Blot analysis of 293 cells using Grap Polyclonal Antibody



Western blot analysis of lysates from 293, MCF-7, COLO cells, using GRAP Antibody. The lane on the right is blocked with the synthesized peptide.

