

Gads Polyclonal Antibody

Catalog No :	YT1833
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	Gads
Fields :	>>T cell receptor signaling pathway
Gene Name :	GRAP2
Protein Name :	GRB2-related adapter protein 2
Human Gene Id :	9402
Human Swiss Prot No :	O75791
Mouse Swiss Prot No :	O89100
Immunogen :	The antiserum was produced against synthesized peptide derived from human GRAP2. AA range:121-170
Specificity :	Gads Polyclonal Antibody detects endogenous levels of Gads protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 38kD

Cell Pathway : T_Cell_Receptor;

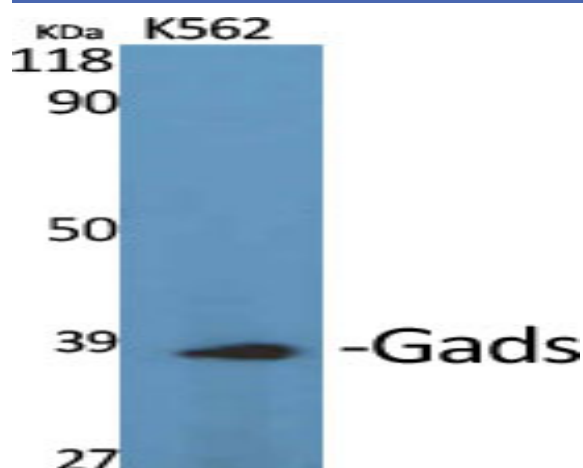
Background : This gene encodes a member of the GRB2/Sem5/Drk family. This member is an adaptor-like protein involved in leukocyte-specific protein-tyrosine kinase signaling. Like its related family member, GRB2-related adaptor protein (GRAP), this protein contains an SH2 domain flanked by two SH3 domains. This protein interacts with other proteins, such as GRB2-associated binding protein 1 (GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Apr 2014],

Function : function:Interacts with SLP-76 to regulate NF-AT activation. Binds to tyrosine-phosphorylated shc.,similarity:Belongs to the GRB2/sem-5/DRK family.,similarity:Contains 1 SH2 domain.,similarity:Contains 2 SH3 domains.,subunit:Interacts with phosphorylated LIME1 upon TCR activation (By similarity). Interacts with phosphorylated LAT and LAX1 upon TCR activation. Interacts with SHB.,

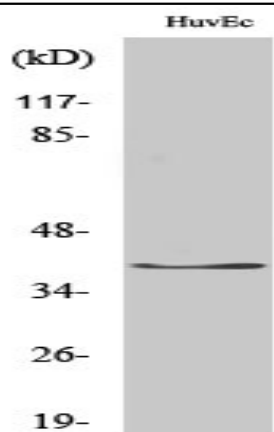
Subcellular Location : Nucleus . Cytoplasm . Endosome .

Expression : Blood,Lung,Platelet,Spleen,T-cell,Thymus,

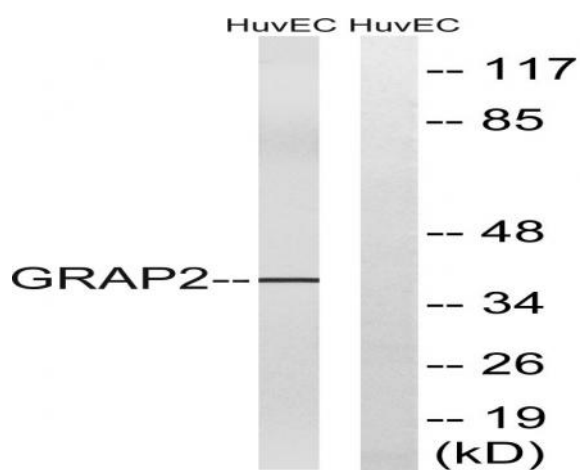
Products Images



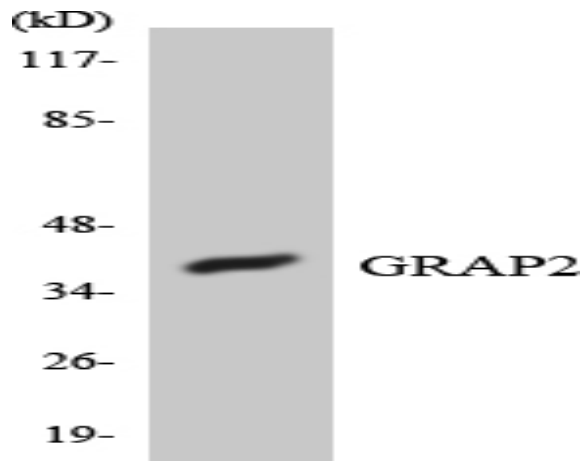
Western Blot analysis of various cells using Gads Polyclonal Antibody



Western Blot analysis of HuvEc cells using Gads Polyclonal Antibody



Western blot analysis of lysates from HUVEC cells, using GRAP2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using GRAP2 antibody.