



Gab1 Rabbit Polyclonal Antibody

Catalog No	YP-Ab-03503
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF
Gene Name	GAB1
Immunogen	Recombinant Protein of Gab1
Specificity	The antibody detects endogenous Gab1 protein
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-300. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Growth factor receptor bound protein 2-associated protein 1;GRB2-associated-binding protein 1;GRB2-associated binder 1;GRB2 associated binder 1;Gab 1; GAB1;GRB2-associated-binding protein 1 (GRB2-associated binder 1) (Growth factor receptor bound protein 2-associated protein 1);GRB2-associated-binding protein 1 (GRB2-associated binder 1;Growth factor receptor bound protein 2-associated protein 1)
Observed Band	76kD
Calculated Molecular Weight	76kD
Cell Pathway	cytosol,
Tissue Specificity	Testis,Whole embryo,
Function	function:Probably involved in EGF and insulin receptor signaling., PTM:Phosphorylated on tyrosine residue(s) by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Tyrosine phosphorylation of GAB1 mediates interaction with several proteins that contain SH2 domains., similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain., subunit:Interacts with GRB2 and with other SH2-containing proteins. Interacts with phosphorylated LAT2.,



Background

GRB2 associated binding protein 1(GAB1) Homo sapiens The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],

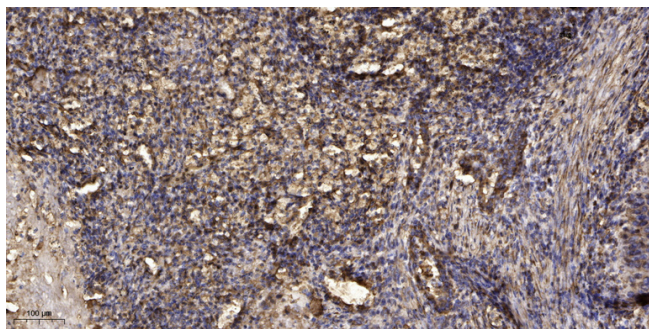
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).