



# Gab1 Rabbit Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-03503
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	IHC;IF
<b>Gene Name</b>	GAB1
<b>Protein Name</b>	GRB2-associated-binding protein 1 (GRB2-associated binder 1) (Growth factor receptor bound protein 2-associated protein 1)
<b>Immunogen</b>	Recombinant Protein of Gab1
<b>Specificity</b>	The antibody detects endogenous Gab1 protein
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC-p 1:50-300. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	GRB2-associated-binding protein 1 (GRB2-associated binder 1;Growth factor receptor bound protein 2-associated protein 1)
<b>Observed Band</b>	76kD
<b>Cell Pathway</b>	cytosol,
<b>Tissue Specificity</b>	Testis,Whole embryo,
<b>Function</b>	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.,
<b>Background</b>	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],



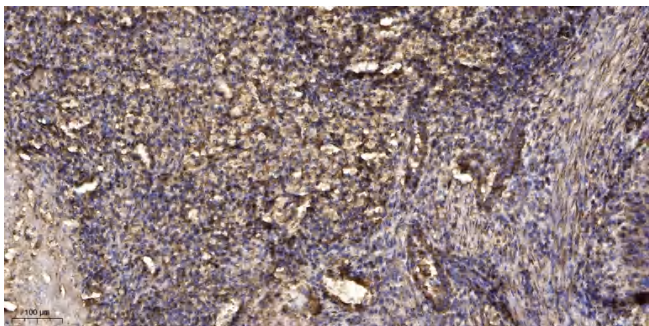
**matters needing attention**

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).