

## Gab 1 (phospho Tyr627) Polyclonal Antibody

Catalog No: YP0118

**Reactivity:** Human; Mouse; Monkey

**Applications:** WB;ELISA

Target: Gab 1

Fields: >>EGFR tyrosine kinase inhibitor resistance;>>ErbB signaling pathway;>>Ras

signaling pathway;>>Phospholipase D signaling pathway;>>Neurotrophin signaling pathway;>>Bacterial invasion of epithelial cells;>>Proteoglycans in cancer;>>Renal cell carcinoma;>>Hepatocellular carcinoma;>>Gastric cancer

Gene Name: GAB1

**Protein Name:** GRB2-associated-binding protein 1

Q13480

Q9QYY0

Human Gene Id: 2549

**Human Swiss Prot** 

No:

Mouse Gene Id: 14388

**Mouse Swiss Prot** 

No:

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

GAB1 around the phosphorylation site of Tyr627 AA range:611-643

**Specificity:** Phospho-Gab 1 (Y627) Polyclonal Antibody detects endogenous levels of Gab 1

protein only when phosphorylated at Y627.

**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: 1:10000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

1/3



chromatography using epitope-specific immunogen.

**Concentration:** 1 mg/ml

-15°C to -25°C/1 year(Do not lower than -25°C) **Storage Stability:** 

Observed Band: 110kD

ErbB HER; Neurotrophin; Renal cell carcinoma; **Cell Pathway:** 

**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],

**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.

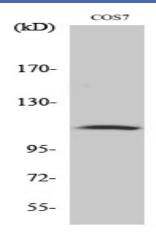
Interacts with phosphorylated LAT2.,

Subcellular

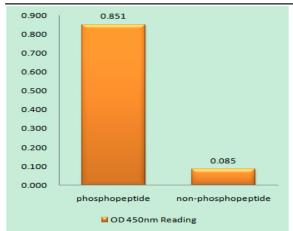
cytosol, Location:

**Expression:** Testis, Whole embryo,

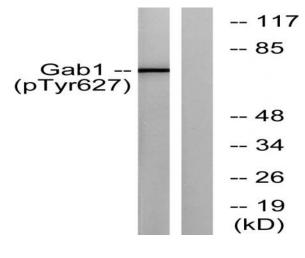
## **Products Images**



Western Blot analysis of various cells using Phospho-Gab 1 (Y627) Polyclonal Antibody



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using GAB1 (Phospho-Tyr627) Antibody



Western blot analysis of GAB1 (Phospho-Tyr627) Antibody. The lane on the right is blocked with the GAB1 (Phospho-Tyr627) peptide.