Gab 1 (Phospho Tyr627) Rabbit pAb

CatalogNo: YP0118

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Monkey	• WB,ELISA

MW	Isotype
• 110kD (Observed)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000
ELISA 1:10000
Not yet tested in other applications.

Basic Information

Clonality	Polyclonal

Immunogen Information

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.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):VEyLD

Target Information

Gene name GAB1

Protein Name GRB2-associated-binding protein 1

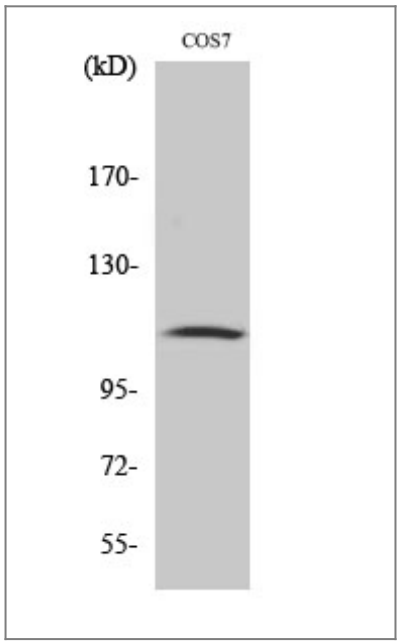
Organism	Gene ID	UniProt ID
Human	2549;	Q13480;
Mouse	14388;	Q9QYY0;

Cellular Localization cytosol ,

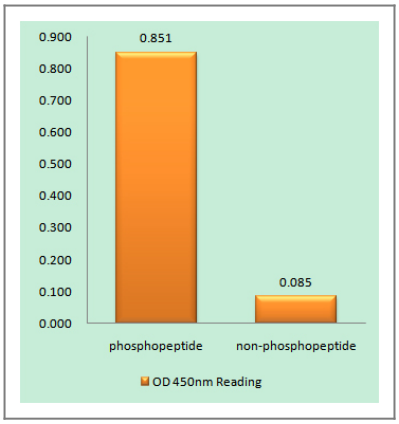
Tissue specificity Testis ,Whole embryo ,

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. ,

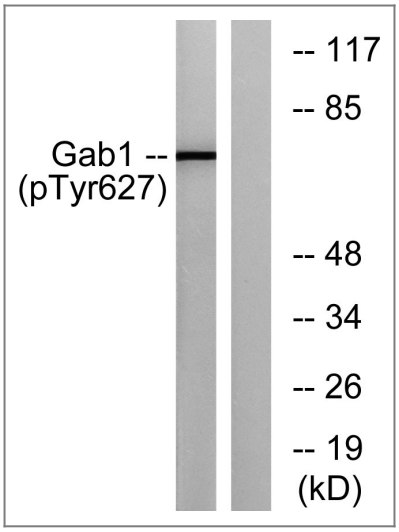
Validation Data



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.

Contact information

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Please scan the QR code to access additional product information:
Gab 1 (Phospho Tyr627) Rabbit pAb

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