

Gab 1 (Phospho Tyr307) Rabbit pAb

CatalogNo: YP1070

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, IF, ELISA

MW

- 77kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:40000

IF 1:50-200

| 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.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized phospho-peptide around the phosphorylation site of human Gab 1 (phospho Tyr307)

Specificity

Phospho-Gab 1 (Y307) Polyclonal Antibody detects endogenous levels of Gab 1 protein only when phosphorylated at Y307. 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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): ISyDI

| Target Information

Gene name GAB1

Protein Name GRB2-associated-binding protein 1

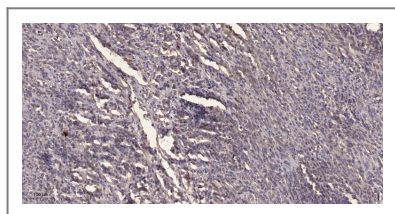
Organism	Gene ID	UniProt ID
Human	2549;	Q13480;
Mouse	14388;	Q9QYY0;

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



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 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).

| Contact information

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