

Phospho-Gab1(Y659) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP3302b

Specification

Phospho-Gab1(Y659) Antibody - Product Information

Application DB,E
Primary Accession 013480

Other Accession <u>Q9QYY0</u>, <u>A6QLU3</u>

Reactivity Human

Predicted Bovine, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 76616

Phospho-Gab1(Y659) Antibody - Additional Information

Gene ID 2549

Other Names

GRB2-associated-binding protein 1, GRB2-associated binder 1, Growth factor receptor bound protein 2-associated protein 1, GAB1

Target/Specificity

This Gab1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y659 of human Gab1.

Dilution

DB~~1:500

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Phospho-Gab1(Y659) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho-Gab1(Y659) Antibody - Protein Information

Name GAB1



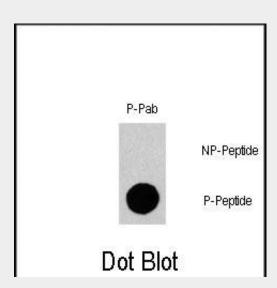
Function Adapter protein that plays a role in intracellular signaling cascades triggered by activated receptor-type kinases. Plays a role in FGFR1 signaling. Probably involved in signaling by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Involved in the MET/HGF-signaling pathway (PubMed:29408807).

Phospho-Gab1(Y659) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Phospho-Gab1(Y659) Antibody - Images



Dot blot analysis of Phospho-Gab1-Y659 polyclonal antibody (Cat. AP3302b) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentration were 0.5ug per ml.

Phospho-Gab1(Y659) Antibody - Background

Gab1 is a member of the IRS1-like multisubstrate docking protein family. This protein is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis.

Phospho-Gab1(Y659) Antibody - References

Podar, K., et al., J. Biol. Chem. 279(20):21658-21665 (2004). Ren, Y., et al., J. Biol. Chem. 279(9):8497-8505 (2004). Kapoor, G.S., et al., Mol. Cell. Biol. 24(2):823-836 (2004). Nakaoka, Y., et al., Circ. Res. 93(3):221-229 (2003). Holgado-Madruga, M., et al., Mol. Cell. Biol. 23(13):4471-4484 (2003).