

Phospho-Gab1(Y659) Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3302b

Specification

Phospho-Gab1(Y659) Antibody - Product Information

| | |
|-------------------|---|
| Application | DB,E |
| Primary Accession | O13480 |
| Other Accession | O9OYY0 , A6QLU3 |
| 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

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

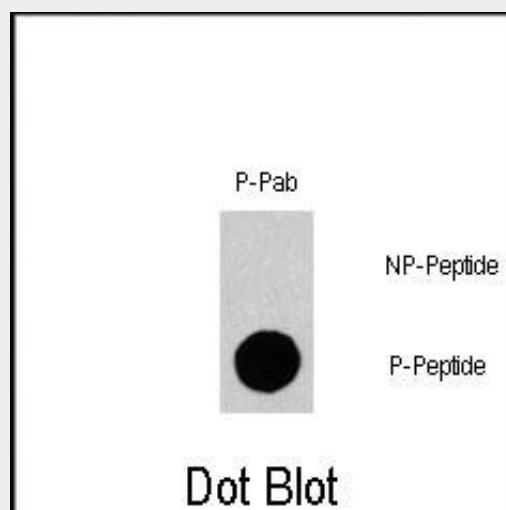
activated receptor-type kinases. Plays a role in FGFR1 signaling. Probably involved in signaling by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Involved in the MET/HGF-signaling pathway (PubMed:[29408807](#)).

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 Cytometry](#)
- [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).