

Phospho-Gab1(Y659) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP3302b

Product Information

Application	DB, E
Primary Accession	Q13480
Other Accession	Q9QYY0 , A6QLU3
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB10842
Calculated MW	76616

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.

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](#)).

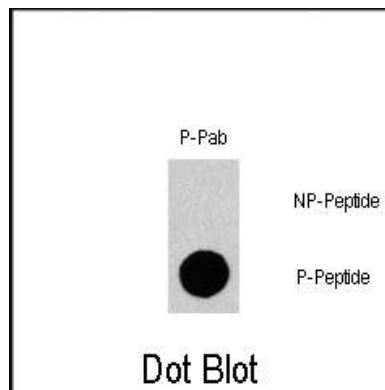
Background

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.

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.