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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, Rat, Canine, Rabbit, Chicken
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).

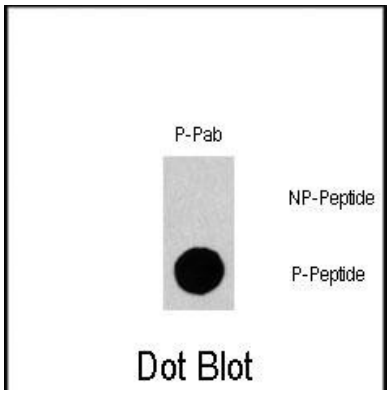
Background

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'.