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Gab1 Antibody (Y659) Blocking Peptide

Synthetic peptide
Catalog # BP7832c

Specification

Gab1 Antibody (Y659) Blocking Peptide - Product Information

Primary Accession Q13480

Gab1 Antibody (Y659) Blocking Peptide - 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
The synthetic peptide sequence used to generate the antibody AP7832c was selected from the Y659 region of human Gab1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Gab1 Antibody (Y659) Blocking Peptide - Protein Information

Name GAB1

Gab1 Antibody (Y659) Blocking Peptide - Background

GAB1 is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis.

Gab1 Antibody (Y659) Blocking Peptide - References

Seiden-Long,I., Carcinogenesis 29 (3), 647-655 (2008)Oka,M., J. Invest. Dermatol. 128 (1), 188-195 (2008)Laramee,M., J. Biol. Chem. 282 (11), 7758-7769 (2007)

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).

Gab1 Antibody (Y659) Blocking Peptide - Protocols

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

- Blocking Peptides