

Phospho-GAB1(Y259) Antibody Blocking peptide

Synthetic peptide Catalog # BP3599a

Specification

Phospho-GAB1(Y259) Antibody Blocking peptide - Product Information

Primary Accession <u>Q13480</u>

Phospho-GAB1(Y259) Antibody 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 AP3599a was selected from the region of human Phospho-GAB1-pY259. 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.

Phospho-GAB1(Y259) Antibody Blocking peptide - Protein Information

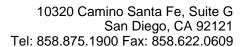
Name GAB1

Phospho-GAB1(Y259) Antibody 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.

Phospho-GAB1(Y259) Antibody Blocking peptide - References

Guo A, et al. (2008) Proc Natl Acad Sci U S A 105, 692-7Rikova K, et al. (2007) Cell 131, 1190-203Goss VL, et al. (2006) Blood 107, 4888-97Wolf-Yadlin A, et al. (2006) Mol Syst Biol 2, 54Salomon AR, et al. (2003) Proc Natl Acad Sci U S A 100, 443-8





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(Y259) Antibody Blocking peptide - Protocols

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

• Blocking Peptides