

**Phospho-GAB1(Y259) Antibody Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP3599a****Specification****Phospho-GAB1(Y259) Antibody Blocking peptide - Product Information**Primary Accession [Q13480](#)**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, 692-7  
Rikova K, et al. (2007) Cell 131, 1190-203  
Goss VL, et al. (2006) Blood 107, 4888-97  
Wolf-Yadlin A, et al. (2006) Mol Syst Biol 2, 54  
Salomon 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:<a href="http://www.uniprot.org/citations/29408807" target="\_blank">29408807</a>).

**Phospho-GAB1(Y259) Antibody Blocking peptide - Protocols**

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

- [Blocking Peptides](#)