10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# GAB1 Antibody (Y259) Blocking Peptide

**Synthetic peptide**
**Catalog # BP7832d**

## Specification

### GAB1 Antibody (Y259) Blocking Peptide - Product Information

Primary Accession Q13480

### GAB1 Antibody (Y259) 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 AP7832d was selected from the Y259 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 (Y259) Blocking Peptide - 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:<a href="http://www.uniprot.org/citations/29408807" target="_blank">29408807</a>).

### GAB1 Antibody (Y259) Blocking Peptide - Protocols

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

- Blocking Peptides

**GAB1 Antibody (Y259) Blocking Peptide - Images**

**GAB1 Antibody (Y259) 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 (Y259) 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)