

Gab1 Antibody (Y659) Blocking Peptide
Synthetic peptide
Catalog # BP7832c**Specification**

Gab1 Antibody (Y659) Blocking Peptide - Product InformationPrimary 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**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](#)

Gab1 Antibody (Y659) Blocking Peptide - Images**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)Laramée,M., J. Biol. Chem. 282 (11), 7758-7769 (2007)