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GAB2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6908a

Specification

GAB2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O9UQC2

GAB2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9846

Other Names
GRB2-associated-binding protein 2, GRB2-associated binder 2, Growth factor receptor bound protein 2-associated protein 2, pp100, GAB2, KIAA0571

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6908a was selected from the N-term region of human GAB2. 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.

GAB2 Antibody (N-term) Blocking Peptide - Protein Information

Name GAB2

GAB2 Antibody (N-term) Blocking Peptide - Background

GAB2 is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor.

GAB2 Antibody (N-term) Blocking Peptide - References

Yamasaki,S., et.al., J. Biol. Chem. 276 (48), 45175-45183 (2001)

Synonyms KIAA0571

Function
Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, it plays a role in mast cells activation and degranulation through PI-3-kinase regulation. Also involved in the regulation of cell proliferation and hematopoiesis.

Cellular Location
Cytoplasm. Cell membrane

GAB2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides