

**GAB2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6908a****Specification**

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**GAB2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9UQC2](#)**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](/products/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**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. Membrane raft {ECO:0000250|UniProtKB:Q9Z1S8}

**GAB2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**GAB2 Antibody (N-term) Blocking Peptide - Images****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)