

**GAB2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6908A**

**Specification**

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**GAB2 Antibody (N-term) - Product Information**

Application	<b>WB, FC,E</b>
Primary Accession	<a href="#">O9UQC2</a>
Other Accession	<a href="#">O9EQH1</a> , <a href="#">O9Z1S8</a>
Reactivity	<b>Human</b>
Predicted	<b>Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>3-30</b>

**GAB2 Antibody (N-term) - 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**

This GAB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-30 amino acids from the N-terminal region of human GAB2.

**Dilution**

WB~~1:1000  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

GAB2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GAB2 Antibody (N-term) - 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.

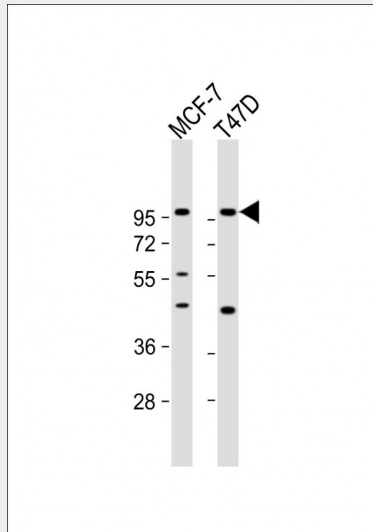
**Cellular Location**

Cytoplasm. Cell membrane. Membrane raft {ECO:0000250|UniProtKB:Q9Z1S8}

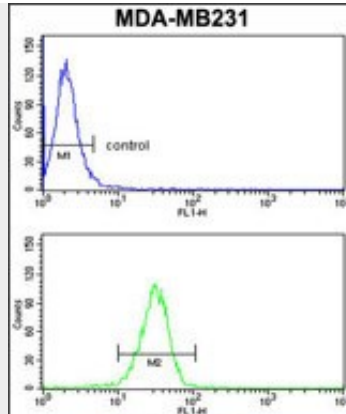
**GAB2 Antibody (N-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

All lanes : Anti-GAB2 Antibody (N-term) at 1:1000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 74 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



GAB2 Antibody (N-term) (Cat.#AP6908a) flow cytometry analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **GAB2 Antibody (N-term) - Background**

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

#### **GAB2 Antibody (N-term) - References**

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

#### **GAB2 Antibody (N-term) - Citations**

- [In vivo multiplexed interrogation of amplified genes identifies GAB2 as an ovarian cancer oncogene.](#)