

**GAB2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51222**

**Specification**

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**GAB2 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O9UQC2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74 KDa
Antigen Region	221 - 280

**GAB2 Antibody - 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**

KLH conjugated synthetic peptide derived from human GAB2

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**GAB2 Antibody - 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**

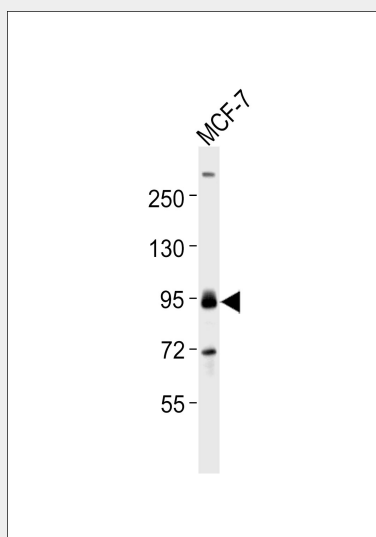
Cytoplasm. Cell membrane. Membrane raft {ECO:0000250|UniProtKB:Q9Z1S8}

## GAB2 Antibody - 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 - Images



Anti-GAB2 Antibody at 1:1000 dilution + MCF-7 whole cell lysates. 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 - Background

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## GAB2 Antibody - References

- Nishida K., et al. *Blood* 93:1809-1816(1999).  
Nagase T., et al. *DNA Res.* 5:31-39(1998).  
Nagase T., et al. Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.  
Taylor T.D., et al. *Nature* 440:497-500(2006).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.