

GRB2-associated-binding protein 2 (Phospho-Ser159) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52551**Specification**

GRB2-associated-binding protein 2 (Phospho-Ser159) Antibody - Product Information

Application	WB
Primary Accession	Q9UQC2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

GRB2-associated-binding protein 2 (Phospho-Ser159) 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

Dilution

WB~~1:1000

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

GRB2-associated-binding protein 2 (Phospho-Ser159) 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

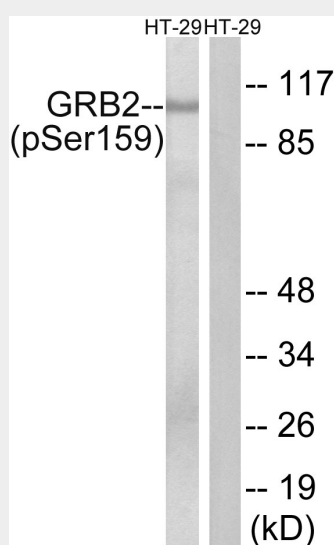
Cytoplasm. Cell membrane. Membrane raft {ECO:0000250|UniProtKB:Q9Z1S8}

GRB2-associated-binding protein 2 (Phospho-Ser159) 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](#)

GRB2-associated-binding protein 2 (Phospho-Ser159) Antibody - Images



Western blot analysis of extracts from HT-29 cells, treated with serum (20%, 15mins), using GRB2-associated-binding protein 2 (Phospho-Ser159) antibody.

GRB2-associated-binding protein 2 (Phospho-Ser159) Antibody - Background

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.

GRB2-associated-binding protein 2 (Phospho-Ser159) 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.