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

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52551

Product Information

Application	WB
Primary Accession	Q9UQC2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74458

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
Format	Rabbit 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℃

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}

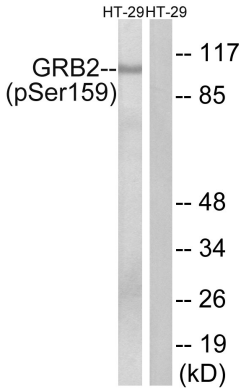
Background

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.

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).
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Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.