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GAB2 Antibody (aa125-174)

Rabbit Polyclonal Antibody

Catalog # ALS15032

Specification

GAB2 Antibody (aa125-174) - Product Information

Application	**WB, IHC**
Primary Accession	Q9UQC2
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**74kDa KDa**

GAB2 Antibody (aa125-174) - 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
Gab2 (Ab-159) Antibody detects endogenous levels of total Gab2 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
GAB2 Antibody (aa125-174) is for research use only and not for use in diagnostic or therapeutic procedures.

GAB2 Antibody (aa125-174) - 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}

Volume

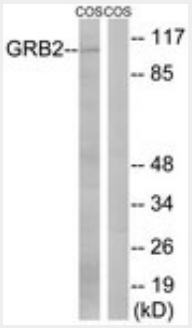
50 µl

GAB2 Antibody (aa125-174) - Protocols

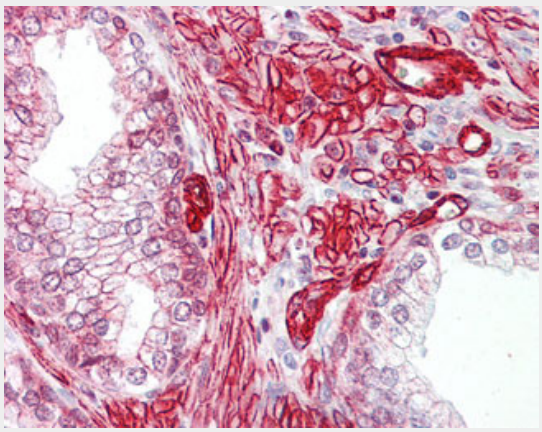
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GAB2 Antibody (aa125-174) - Images



Western blot of extracts from COS cells, using Gab2 (Ab-159) Antibody.



Anti-GAB2 antibody IHC of human prostate.

GAB2 Antibody (aa125-174) - 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.

GAB2 Antibody (aa125-174) - 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.