

Gab2 (Ab-623) Antibody

Catalog No: #33284

Package Size: #33284-1 50ul #33284-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

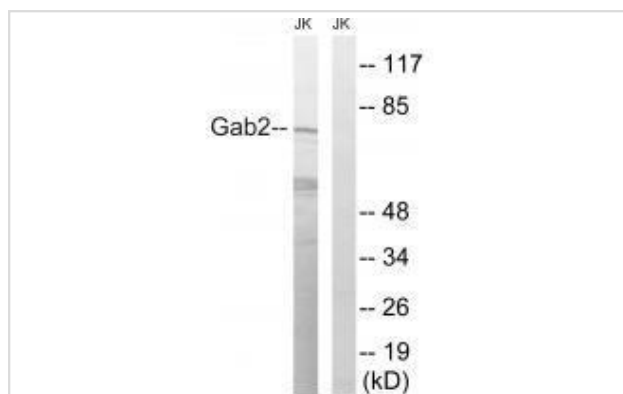
Description

| | |
|-----------------------|--|
| Product Name | Gab2 (Ab-623) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total Gab2 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthesized non-phosphopeptide derived from human Gab2 around the phosphorylation site of serine 623 (P-S-S(p)-P-S). |
| Target Name | Gab2 |
| Other Names | GRB2-associated-binding protein 2; Growth factor receptor bound protein 2-associated protein 2; GRB2-associated binder 2; pp100; KIAA0571 |
| Accession No. | Swiss-Prot: Q9UQC2NCBI Gene ID: 9846 |
| Uniprot | Q9UQC2 |
| GeneID | 9846; |
| SDS-PAGE MW | 74kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, treated with TNF (2500U/ml, 30mins), using Gab2 (Ab-623) antibody #33284.

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.

Nishida K., Blood 93:1809-1816(1999).

Nagase T., DNA Res. 5:31-39(1998).

Salomon A.R., Proc. Natl. Acad. Sci. U.S.A. 100:443-448(2003).

Note: This product is for in vitro research use only