

Gab1(Phospho-Tyr627) Antibody

Catalog No: #11291

Package Size: #11291-1 50ul #11291-2 100ul

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

Description

Product Name	Gab1(Phospho-Tyr627) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of Gab1 only when phosphorylated at tyrosine 627.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 627 (V-E-Y(p)-L-D) derived from Human Gab1.
Target Name	Gab1
Modification	Phospho
Other Names	Growth factor receptor bound protein 2-associated protein 1
Accession No.	Swiss-Prot: Q13480NCBI Protein: NP_002030.2
Uniprot	Q13480
GeneID	2549;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL 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 for long term preservation (recommended). Store at 4°C for short term use.

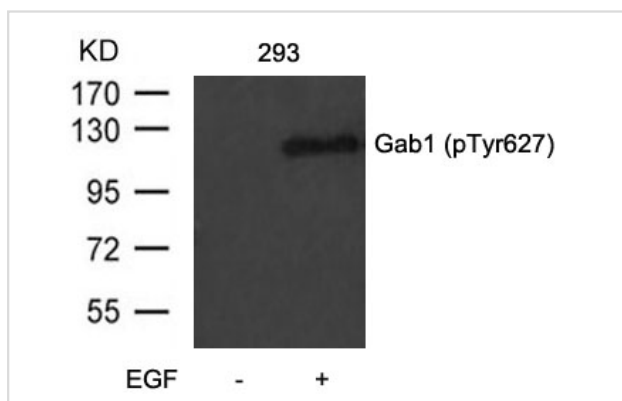
Application Details

Predicted MW: 110kd

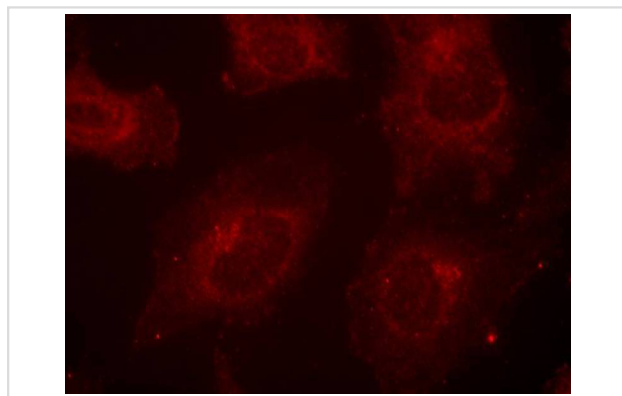
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from 293 cells untreated or treated with EGF using Gab1(Phospho-Tyr627) Antibody #11291.



Immunofluorescence staining of methanol-fixed HeLa cells using Gab1(Phospho-Tyr627) Antibody #11291.

Background

The protein encoded by Gab1 is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene.

Anders Kallin, et al. (2004) *J. Biol. Chem* ; 279: 17897 - 17904.

Hideto Kameda, et al. (2001) *Cell Growth Differ* ; 12: 307.

Masaki Osawa, et al. (2002) *J. Cell Biol* ; 158: 773.

Note: This product is for in vitro research use only