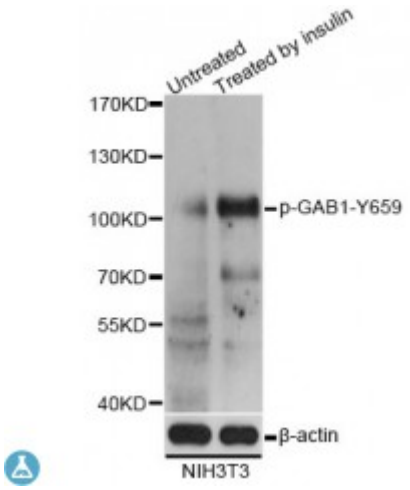
Anti-Phospho-GAB1-(Y659) Antibody



Description	The protein encoded by this gene 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.

Model	STJ116394
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	A synthetic phosphorylated peptide around Y659 of human GAB1 (NP_002030.2).
Gene ID	2549
Gene Symbol	GAB1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	GRB2-associated-binding protein 1 GRB2-associated binder 1 Growth factor receptor bound protein 2-associated protein 1
Molecular Weight	76.616 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:4066OMIM:604439Reactome:R-HSA-109704
Alternative Names	GRB2-associated-binding protein 1 GRB2-associated binder 1 Growth factor receptor bound protein 2-associated protein 1
Function	Adapter protein that plays a role in intracellular signaling cascades triggered by activated receptor-type kinases, Plays a role in FGFR1 signaling, Probably involved in signaling by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR)
Post-translational Modifications	Phosphorylated in response to FGFR1 activation, Phosphorylated on tyrosine residue(s) by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR), Tyrosine phosphorylation of GAB1 mediates interaction with several proteins that contain SH2 domains, Phosphorylated on tyrosine residues by HCK upon IL6 signaling,