

**Gab 1 (phospho Tyr659) rabbit pAb****Cat#: orb768297 (Manual)**

For research use only. Not intended for diagnostic use.

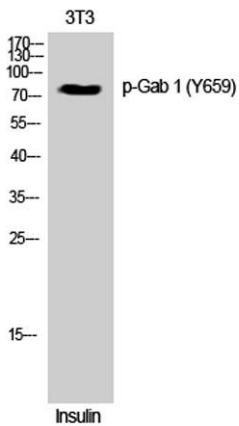
<b>Product Name</b>	Gab 1 (phospho Tyr659) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GAB1 around the phosphorylation site of Tyr659. AA range:644-674
<b>Specificity</b>	Phospho-Gab 1 (Y659) Polyclonal Antibody detects endogenous levels of Gab 1 protein only when phosphorylated at Y659.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	GRB2-associated-binding protein 1
<b>Gene Name</b>	GAB1
<b>Cellular localization</b>	cytosol,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

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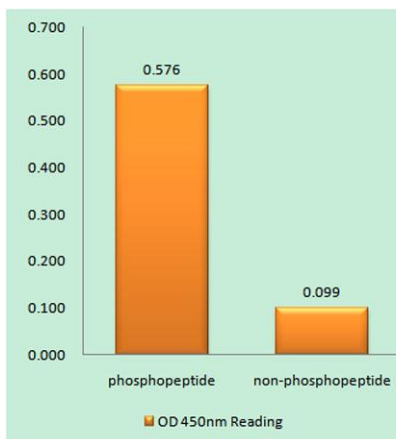
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	76kD
<b>Human Gene ID</b>	2549
<b>Human Swiss-Prot Number</b>	Q13480
<b>Alternative Names</b>	GAB1; GRB2-associated-binding protein 1; GRB2-associated binder 1; Growth factor receptor bound protein 2-associated protein 1

**Background**

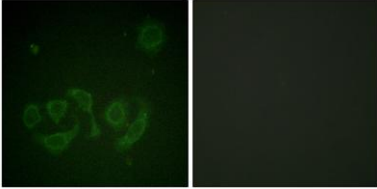
GRB2 associated binding protein 1(GAB1) Homo sapiens The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],



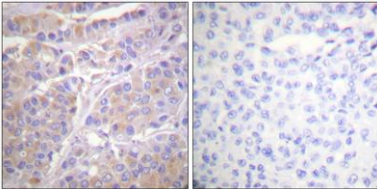
**Western Blot analysis of 3T3 cells using Phospho-Gab 1 (Y659) Polyclonal Antibody**



**Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using GAB1 (Phospho-Tyr659) Antibody**



**Immunofluorescence analysis of HepG2 cell, using GAB1 (Phospho-Tyr659) Antibody. The lane on the right is blocked with the GAB1 (Phospho-Tyr659) peptide.**



**Immunohistochemistry analysis of paraffin-embedded human breast cancer, using GAB1 (Phospho-Tyr659) Antibody. The picture on the right is blocked with the GAB1 (Phospho-Tyr659) peptide.**