

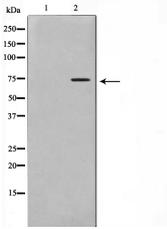
## Phospho-Gab2(Tyr452) Ab

Cat.#: AF0059  
Size: 100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 75kDa  
Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-Gab2(Tyr452) Ab detects endogenous levels of Gab2 only when phosphorylated at Tyrosine 452.
Immunogen:	A synthesized peptide derived from human Gab2 around the phosphorylation site of Tyr452.
Uniprot:	Q9UQC2
Description:	This gene is a member of the GRB2-associated binding protein (GAB) gene family and is similar to the GAB1 gene. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene.
Subcellular Location:	Cytoplasm. Cell membrane.
Similarity:	The SH3-binding motifs mediate interaction with SHC1 and GRB2.The PH domain mediates phosphatidylinositol 3,4,5-trisphosphate and phosphatidylinositol 3,4-bisphosphate binding.Belongs to the GAB family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on HT29 cell lysates using Phospho-Gab2(Tyr452) Ab, The lane on the left was treated with the antigen-specific peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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