

## Gab2(Ab-623) polyclonal antibody

Catalog: BS65238

Host: Rabbit

Reactivity: Human

### BackGround:

GRB2 associated binding protein 2(GAB2) Homo sapiens  
This gene is a member of the GRB2-associated binding protein (GAB) gene family. 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. [provided by RefSeq, Nov 2009],

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Molecular Weight:

~ 74 kDa

### Swiss-Prot:

Q9UQC2

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

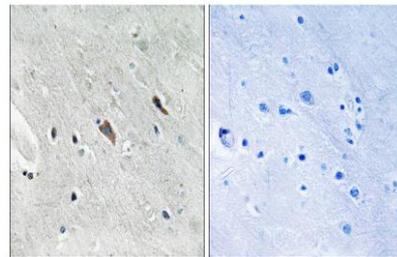
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

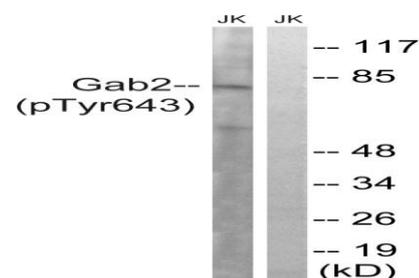
### Specificity:

Phospho-Gab 2 (Y643) Polyclonal Antibody detects endogenous levels of Gab 2 protein only when phosphorylated at Y643.

### DATA:



Immunohistochemistry analysis of paraffin-embedded human brain, using Gab2 (Phospho-Tyr643) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from Jurkat cells treated with IFN 2500U/ML 30', using Gab2 (Phospho-Tyr643) Antibody. The lane on the right is blocked with the phospho peptide.

### Note:

For

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