bs-3177R

[Primary Antibody]

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phospho-GAB2 (Ser159) Rabbit pAb

DATASHEET

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 9846 SWISS: Q9UQC2

Target: GAB2 (Ser159)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

GAB2 around the phosphorylation site of Ser159: KS(p-S)AP.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: 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]

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Human,

Rat, Rabbit, Pig, Chicken,

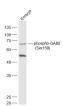
Horse)

Predicted 74 kDa

MW.:

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: Embryo (Mouse) Lysate at 40 ug Primary: Anti-phospho-GAB2 (Ser159) (bs-3177R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 74 kD Observed band size: 72 kD

- SELECTED CITATIONS -

• [IF=3.118] Fu S et al. Berberine suppresses mast cell-mediated allergic responses via regulating FceRI-mediated and MAPK signaling. Int Immunopharmacol. 2019 Jun; 71:1-6. WB; Human. 30861392