

**RASGRP4 polyclonal antibody**

Catalog: BS34340

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

RAS guanyl-releasing protein 4: Functions as a cation- and diacylglycerol (DAG)-regulated nucleotide exchange factor activating Ras through the exchange of bound GDP for GTP. In neutrophils, participates in a phospholipase C-activating N-formyl peptide-activated GPCR (G protein-coupled receptor) signaling pathway by promoting Ras-mediated activation of PIK3CG/PI3Kgamma to promote neutrophil functional responses (By similarity). In CD117(+) dendritic cells and mast cells, participates in an lipopolysaccharide (LPS)-activated signaling pathway that stimulates the production of interferon-gamma and other pro-inflammatory cytokines by natural killer (NK) cells (By similarity). May function in mast cell differentiation. Does not appear to be required for the development of B-cells, DC-cells, T-cells, or NK-cells (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~74.9 kDa

Swiss-Prot:

Q8TDF6

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of RASGRP4 protein

DATA:

Western blot analysis of ATP5G1 expression in mouse liver (A), mouse kidney (B), rat kidney (C), HEK293T (D), MDAMB231 (E) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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