

Ras-GRF1 (F912) polyclonal antibody

Catalog: BS1788

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

A critical step in signal transduction responses to stimulation of cell surface receptors by their ligands involves the accumulation of Ras proteins in their active GTP-bound state. To reach their active GTP-bound state, Ras proteins must first release bound GDP, a rate limiting step mediated by a guanine nucleotide releasing factor (GRF). The mammalian Ras p21 GRF protein has been designated Ras-GRF1 p140. Ras-GRF1 accelerates release of GDP from H- and N-Ras p21 protein in vitro, but not from the related Ral A or Cdc42Hs GTP-binding proteins. Ras-GRF2 p135 is highly homologous to Ras-GRF1 p140 except in the region between the REM and CDC25 domains and appears to function similarly to Ras-GRF1 p140.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 145 kDa

Swiss-Prot:

Q13972

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

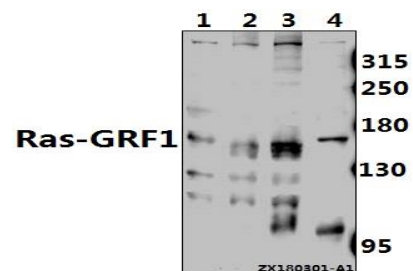
Storage&Stability:

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

Specificity:

Ras-GRF1 (F912) polyclonal antibody detects endogenous levels of Ras-GRF1 protein.

DATA:



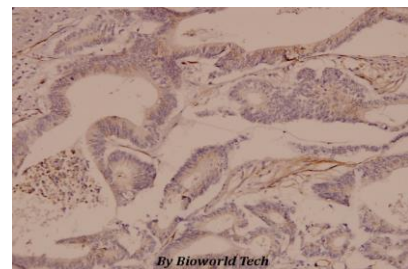
Western blot (WB) analysis of Ras-GRF1 (F912) pAb at 1:500 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:EC9706 whole cell lysate(40ug)

Lane3:HEK293 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Ras-GRF1 (F912) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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

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