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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05866 - Goat Anti-RASGRP4 (isoform 3) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: guanyl nucleotide releasing protein 4, RAS guanyl releasing protein 4, RASGRP4

Official Symbol: RASGRP4

Accession Number(s): NP_733749.1; NP_001139674.1; NP_001139675.1; NP_001139676.1; NP_001139677.1; NP_001139678.1; NP_001139679.1

Human GeneID(s): [115727](#)

Important Comments: This antibody is expected to recognise all reported isoforms.

Immunogen

Peptide with sequence C-NSAQRRLGDSSDL, from the C Terminus of the protein sequence according to NP_733749.1; NP_001139674.1; NP_001139675.1; NP_001139676.1; NP_001139677.1; NP_001139678.1; NP_001139679.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: No signals obtained yet but low background observed in Raji, U937 and Human Brain extracts. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human

Background Reference

Reuther GW, Lambert QT, Rebhun JF, Caligiuri MA, Quilliam LA, Der CJ.

RasGRP4 is a novel Ras activator isolated from acute myeloid leukemia.

J Biol Chem. 2002 Aug 23;277(34):30508-14.

PMID: 11880369