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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.

EB06107 - Goat Anti-ARHGEF4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Rho guanine nucleotide exchange factor 4, ASEF1, APC-stimulated guanine nucleotide exchange factor, DKFZp434G2016, KIAA1112, STM6, GEF4, ASEF, Rho guanine nucleotide exchange factor (GEF) 4, ARHGEF4

Official Symbol: ARHGEF4

Accession Number(s): NP_056135.2; NP_127462.1

Human GeneID(s): [50649](#)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_056135.2; NP_127462.1).

Immunogen

Peptide with sequence PWEEPAGEKPCS, from the N Terminus of the protein sequence according to NP_056135.2; NP_127462.1.

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

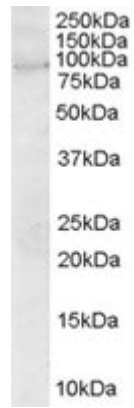
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 80kDa band observed in Human Brain lysates and in transfected HEK293 transiently expressing ARHGEF4 (calculated MW of 79.1kDa according to NP_056135.2 and 76.4kDa according to 127462.1). Recommended concentration: 2-4µg/ml.

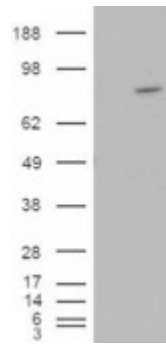
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06107 (2 μ g/ml) staining of Human Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



HEK293 overexpressing ARHGEF4 (RC215591) and probed with EB06107 (mock transfection in first lane),
tested by Origene.