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EB06107 - Goat Anti-ARHGEF4 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

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

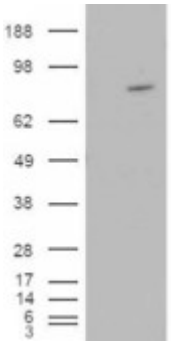
Applications Tested

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 (2µg/ml) staining of Human Brain lysate (35µg 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.