



ARHGEF4 Antibody

CATALOG NUMBER: 45-281



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

HEK293 overexpressing ARHGEF4 and probed with antibody (mock transfection in first lane).

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	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: 2-4ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1303 - Human Brain Tissue Lysate
SPECIFICITY:	This antibody is expected to recognise both reported isoforms (NP_056135.2; NP_127462.1).
IMMUNOGEN:	ARHGEF4 antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of ARHGEF4.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ARHGEF4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ARHGEF4 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ARHGEF4, Rho guanine nucleotide exchange factor (GEF) 4, ASEF, GEF4, STM6, KIAA1112, DKFZp434G2016, APC-stimulated guanine nucleotide exchange factor
ACCESSION NO.:	NP_056135, NP_127462
PROTEIN GI NO.:	15011979

OFFICIAL SYMBOL: ARHGEF4

GENE ID: 50649

Background

REFERENCES: 1) Thiesen S, Kubart S, Ropers HH, Nothwang HG. Isolation of two novel human RhoGEFs, ARHGEF3 and ARHGEF4, in 3p13-21 and 2q22. Biochem Biophys Res Commun. 2000 Jun 24;273(1):364-9.

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December 13, 2016