

## Anti-ARHGEF4 antibody (N-Term) (STJ70430)

STJ70430

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-ARHGEF4 (N-Term) is suitable for use in ELISA and Western Blot research applications.
<b>Applications</b>	Pep-ELISA/WB
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:32000. WB: 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 1
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	50649
<b>Gene Symbol</b>	ARHGEF4
<b>Uniprot ID</b>	ARHG4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	N-Term
<b>Specificity</b>	This antibody is expected to recognise both reported isoforms (NP_056135.2; NP_127462.1).
<b>Immunogen Sequence</b>	PWEEPAGEKPSCS

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

STJ70430 (2µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

188  
98  
62  
49  
38  
28  
17  
14  
6  
3

HEK293 overexpressing ARHGEF4 (RC215591) and probed with STJ70430 (mock transfection in first lane), tested by Origene.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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