

Anti-ARHGEF1 antibody (783-912) (STJ116239)
STJ116239

GENERAL INFORMATION

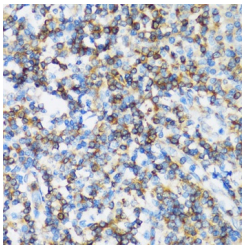
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

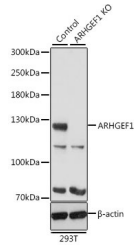
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

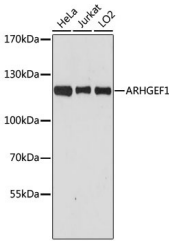
Gene ID	9138
Gene Symbol	ARHGEF1
Uniprot ID	ARHG1_HUMAN
Immunogen	
Immunogen Region	783-912
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 783-912 of human ARHGEF1 (NP_004697.2).
Immunogen Sequence	PLLSSSENGNGRETSPADA RTERILSDLFPFCRPGPEGQ LAATALRKVLSLKQLLPAAE EDNGAGPPRDGDGVPGGGPL SPARTQIEQENLLSLEETMK QLEEELEEFCLRLPLLSQLG GNSVPQPGCT



Immunohistochemistry analysis of ARHGEF1 in paraffin-embedded human tonsil using [KO Validated] ARHGEF1 Rabbit polyclonal antibody (STJ116239) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from wild type (WT) and ARHGEF1 knockout (KO) 293T cells, using [KO Validated] ARHGEF1 Rabbit polyclonal antibody (STJ116239) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of various lysates using [KO Validated] ARHGEF1 Rabbit polyclonal antibody (STJ116239) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081