

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

STJ116239

### GENERAL INFORMATION

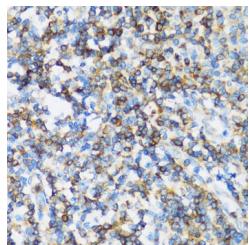
**Product Type** Primary antibodies  
**Short Description**  
**Applications** WB/IHC-P/ELISA  
**Host/Source** Rabbit  
**Reactivity** Human/Rat

### PRODUCT PROPERTIES

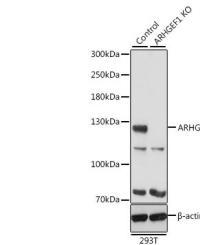
**Clonality** Polyclonal  
**Clone ID**  
**Concentration** Lot specific  
**Conjugation** Unconjugated  
**Purification** Affinity purification  
**Dilution Range** WB:1:500-1:2000  
IHC-P:1:50-1:100  
ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on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

### TARGET INFORMATION

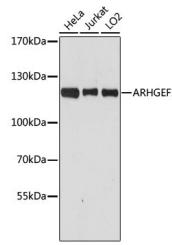
**Gene ID** 9138  
**Gene Symbol** ARHGEF1  
**Uniprot ID** ARHG1\_HUMAN  
**Immunogen**  
**Immunogen Region** 783-912  
**Region**  
**Specificity** Recombinant fusion protein containing a sequence corresponding to amino acids 783-912 of human ARHGEF1 (NP\_004697.2).  
**Immunogen Sequence** PLLSSENGNGRETPSPADA RTERILSDLLPFCRPGPSEGQ LAATALRKVLSKQLLFAE EDNGAGPPRPGDGVPGGGPL  
**Sequence** SPARTQEIQENLLSLEETMK QLEEELEEFCLRPLLSQLG 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.  
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