

Anti-ARHGAP4 antibody (900 aa) (STJ11100294)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

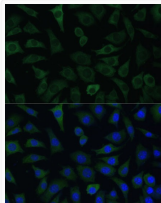
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 105kDa Observed Mw: 105kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

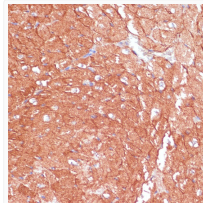
Gene ID	393
Gene Symbol	ARHGAP4
UniProt ID	RHG04_HUMAN
Immunogen Region	900 aa
Immunogen Sequence	SPEQHVEVDKAVAQNMDSVF KELLGKTSVRQGLGPASTTS PSPGPRSPKAPPSSRLGRNK GFSRGGPAPASPSASHPQGL DTTPKPH
Specificity	A synthetic peptide corresponding to a sequence within amino acids 900 to the C-terminus of human ARHGAP4 (NP_001158213.1).

ADDITIONAL INFORMATION

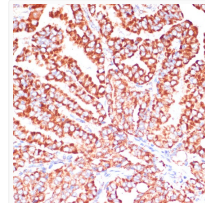
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



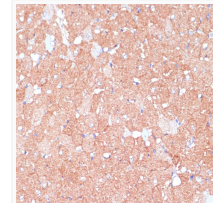
Immunofluorescence analysis of L929 cells using ARHGAP4 Rabbit polyclonal antibody (STJ11100294) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



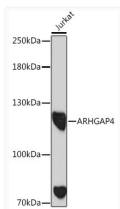
Immunohistochemistry analysis of ARHGAP4 in paraffin-embedded mouse heart using ARHGAP4 Rabbit polyclonal antibody (STJ11100294) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of ARHGAP4 in paraffin-embedded human thyroid cancer using ARHGAP4 Rabbit polyclonal antibody (STJ11100294) 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.



Immunohistochemistry analysis of ARHGAP4 in paraffin-embedded rat heart using ARHGAP4 Rabbit polyclonal antibody (STJ11100294) 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 Jurkat cells, using ARHGAP4 Rabbit polyclonal antibody (STJ11100294) at 1:1000 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.