

Anti-ARRB1 antibody (300-418) (STJ114874)

STJ114874

GENERAL INFORMATION

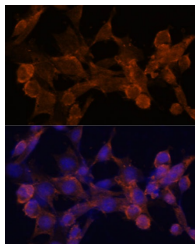
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/CC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

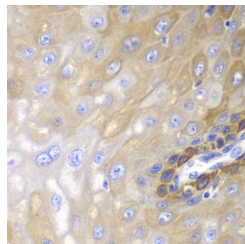
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 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

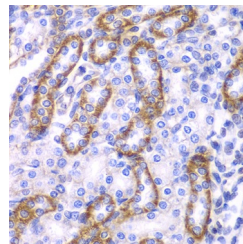
Gene ID	408
Gene Symbol	ARRB1
Uniprot ID	ARRB1_HUMAN
Immunogen	
Immunogen Region	300-418
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 300-400 of human Beta-arrestin1 (NP_004032.2).
Immunogen Sequence	LASSTLLREGANREILGIIV SYKVKVKLVVSRGGLGLDLS SDVAVELPFTLMHPKPKEE PPHREVPEINETPVDTNLIEL DTNDDIVFEDFARQLKGM K



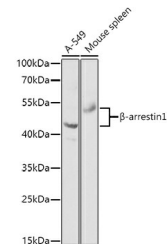
Immunofluorescence analysis of NIH/3T3 cells using Beta-arrestin1 antibody (STJ114874) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human esophagus using Beta-arrestin1 antibody (STJ114874) 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 paraffin-embedded rat kidney using Beta-arrestin1 antibody (STJ114874) 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 extracts of various cell lines, using Beta-arrestin1 antibody (STJ114874) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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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