

Anti-ATG5 antibody (1-275) (STJ22711)

STJ22711

GENERAL INFORMATION

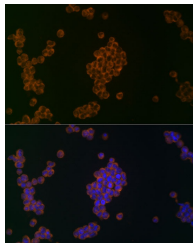
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

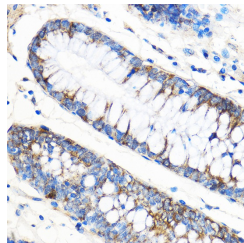
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 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

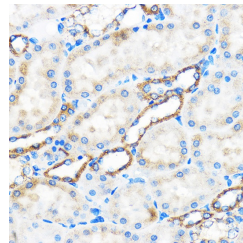
Gene ID	9474
Gene Symbol	ATG5
Uniprot ID	ATG5_HUMAN
Immunogen	
Region	1-275
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-275 of human ATG5 (NP_004840.1).
Immunogen Sequence	MTDDKDVLRDVWFGRIPTCF TLYQDEITEREAEPYLLLP RVSYLTLVTDKVKKHFQKVM RQEDISEIWFEYEGTPLKWH YPIGLLLFDLLASSALPWN I TVHFKSFPEKDLLHCPSKDA IEAHFMSCMKEADALKHKSQ VINEMQKKDHHKQLWMGLQND RFDQFWAINRKLMEYPAEEN GFRYPFRIYQTTERPFQI KLFRRPVAADGQLHTLGDLLK EVCPSAIDPEDGEKKNQVM



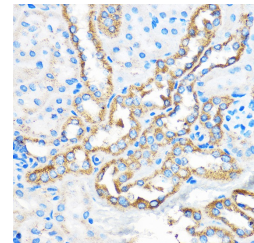
Immunofluorescence analysis of K-562 cells using ATG5 Rabbit polyclonal antibody (STJ22711) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of ATG5 in paraffin-embedded Human colon using ATG5 Rabbit polyclonal antibody (STJ22711) at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of ATG5 in paraffin-embedded Rat kidney using ATG5 Rabbit polyclonal antibody (STJ22711) at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of ATG5 in paraffin-embedded Mouse kidney using ATG5 Rabbit polyclonal antibody (STJ22711) at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

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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