Anti-BECN1 antibody (1-450) (STJ29492)

STJ29492

GENERAL INFORMATION

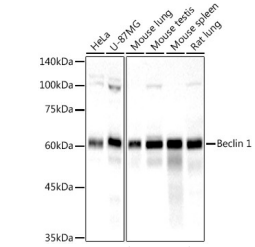
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

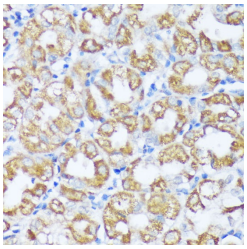
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

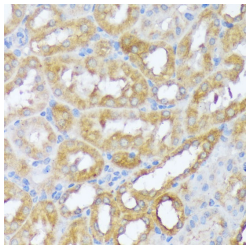
Gene ID	8678
Gene Symbol	BECN1
Uniprot ID	BECN1_HUMAN
Immunogen	
Immunogen Region	1-450
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human Beclin 1 (NP_003757.1).
Immunogen Sequence	MEGSKTSNNSTMQVSFVCQR CSQPLKLDTSFKILDRVTIQ ELTAPLLTTAQAKPGETQEE ETNSGEEPFIETPRQDGVSR RFIPPARMMSTESANSFTLI GEASDGGTMENLSRRLKVTG DLFDIMSGQTDVDHPLCEEC TDTLLDQLDTQLNVTENECQ NYKRCLEILEQMNEDDSEQL QMELKELALEEERLIQELED VEKNRKIVAENLEKVQAEAE RLDQEEAQYQREYSEFKRQ



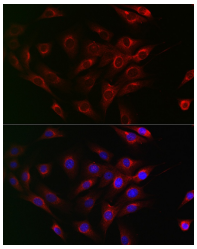
Western blot analysis of extracts of various cell lines, using Beclin 1 antibody (STJ29492) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human stomach using Beclin 1 antibody (STJ29492) 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 of paraffin-embedded mouse kidney using Beclin 1 antibody (STJ29492) 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.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Beclin 1 rabbit polyclonal antibody (STJ29492) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.

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