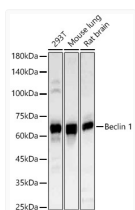
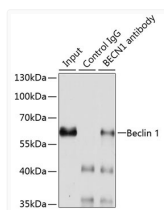


Anti-BECN1 antibody (1-450) (STJ29492)

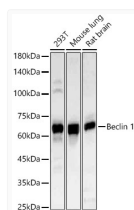
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 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, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 60kDa
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 Region	1-450
Immunogen Sequence	MEGSKTSNNSTMQVSVFCQR CSOPLKLDTSFKILDRVTIQ ELTAPLLTTAAQKPGETQEE ETNSGEEPFIETPRQDGVSR RFIPPARMMSTESANSFTLI GEASDGGTMENLSRRLKVTG DLFDIMSGQTDVHPLCEEC TDTLLDQLDTQLNVTENECQ NYKRCLEILEQMNEEDDSEQL QMELKELALEEERLIQLEED VEKNRKIVAENLEKVQAEAE RLDQEEAQYQREYSEFKRQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human Beclin 1 (NP_003757.1).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



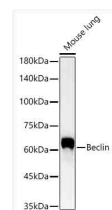
Western blot analysis of various lysates, using [KO Validated] Beclin 1 Rabbit pAb (STJ29492) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 60s.



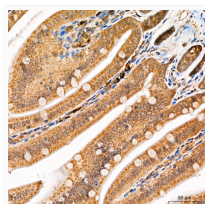
Western blot analysis of lysates from Mouse lung using [KO Validated] Beclin 1 Rabbit pAb (STJ29492) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 60s.



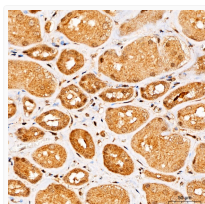
Western blot analysis of various lysates, using [KO Validated] Beclin 1 Rabbit pAb (STJ29492) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 60s.



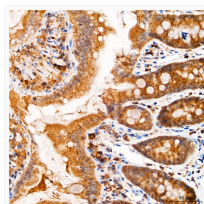
Western blot analysis of lysates from Mouse lung using [KO Validated] Beclin 1 Rabbit pAb (STJ29492) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 60s.



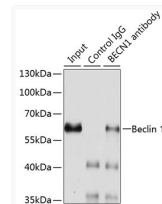
Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using Beclin 1 Rabbit pAb (STJ29492) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Beclin 1 Rabbit pAb (STJ29492) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Beclin 1 Rabbit pAb (STJ29492) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 3 Mu g Beclin 1 antibody (STJ29492). Western blot was performed from the immunoprecipitate using Beclin 1 antibody (STJ29492) at a dilution of 1:1000.