

Anti-SQSTM1 antibody (1-440) (STJ113162)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

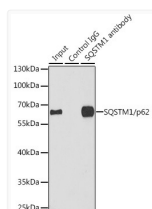
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 IF/ICC:1:50-1:100 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 48kDa Observed Mw: 62kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

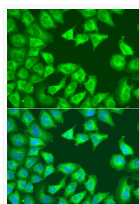
Gene ID	8878
Gene Symbol	SQSTM1
UniProt ID	SQSTM_HUMAN
Immunogen Region	1-440
Immunogen Sequence	MAMSYVKDDIFRIYIKEKKE CRRDHRPPCAQEAPRNMVHP NVICDGCNGPVGTRYKCSV CPDYDLCSVCEGKGLHRGHT KLAFFSPFGHLSEGFHSRW LRKVKHGHFGWPGWEMGPPG NWSPRPFRAGEARPGPTAES ASGPSEDPSVNLKNVGESV AAALSPLGIEVDIDVEHGGK RSRLTPVSPESSTEESKSS QPSSCCSDPSKPGGNVEGAT QSLAEQMRKIALESEGRPE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-356 of human SQSTM1/p62 (NP_001135770.1).

ADDITIONAL INFORMATION

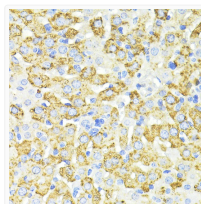
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



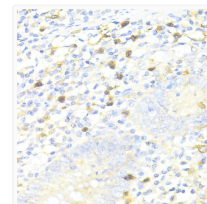
Immunoprecipitation analysis of 100 Mu g extracts of HepG2 cells using 3 Mu g SQSTM1/p62 antibody (STJ113162). Western blot was performed from the immunoprecipitate using SQSTM1/p62 antibody (STJ113162) at a dilution of 1:1000.



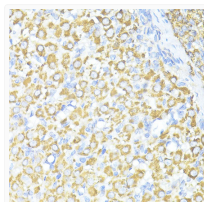
Immunofluorescence analysis of U2OS cells using SQSTM1/p62 Rabbit polyclonal antibody (STJ113162) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



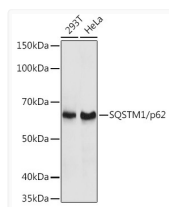
Immunohistochemistry analysis of SQSTM1/p62 in paraffin-embedded Mouse liver using SQSTM1/p62 Rabbit polyclonal antibody (STJ113162) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of SQSTM1/p62 in paraffin-embedded Human appendix using SQSTM1/p62 Rabbit polyclonal antibody (STJ113162) 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 SQSTM1/p62 in paraffin-embedded Rat ovary using SQSTM1/p62 Rabbit polyclonal antibody (STJ113162) 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 various lysates using SQSTM1/p62 Rabbit polyclonal antibody (STJ113162) at 1:10000 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: 1s.