

Rabbit SQSTM1/p62 Monoclonal Antibody | anti-SQSTM1/p62 antibody

[KO Validated] SQSTM1/p62 Rabbit mAb

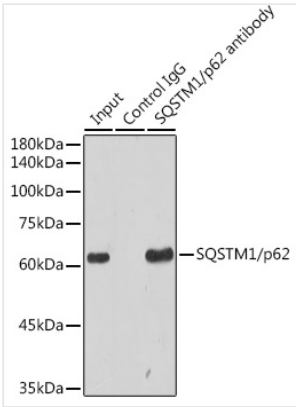
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28383	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation

PRODUCT SYNONYMS

SQSTM1/p62; Monoclonal Antibody; [KO Validated] SQSTM1/p62 Rabbit mAb; SQSTM1; A170; DMRV; FTDALS3; NADGP; OSIL; PDB3; ZIP3; p60; p62; p62B; anti-SQSTM1/p62 antibody

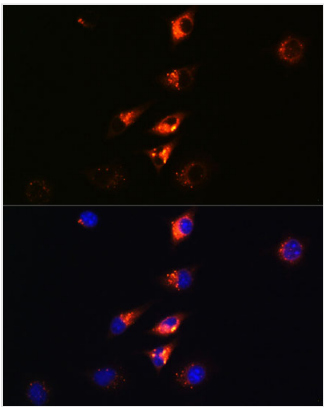
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-SQSTM1/p62 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200 IP: 1:50-1:200 Customer Validation: WB: Mouse, Human IHC: Mouse
Immunogen	A synthesized peptide derived from human SQSTM1/p62.
Cellular Location	Cytoplasm, Cytoplasmic vesicle, Endoplasmic reticulum, Late endosome, Lysosome, Nucleus, P-body, autophagosome
Positive Samples	HeLa, HepG2, 293T, mouse liver, mouse brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



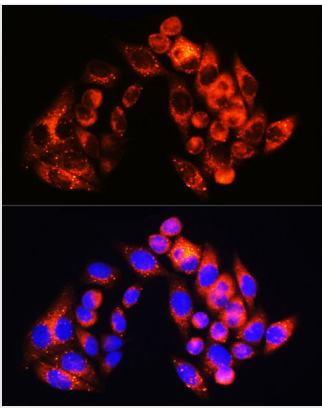
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug SQSTM1/p62 antibody . Western blot was performed from the immunoprecipitate using SQSTM1/p62 antibody at a dilution of 1:1000.



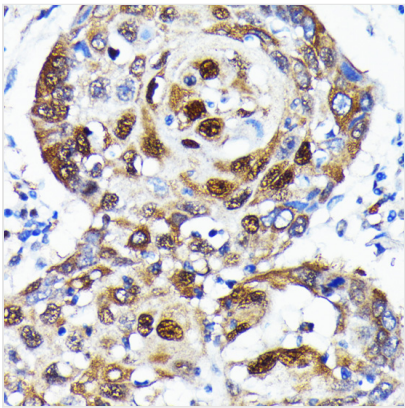
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using SQSTM1/p62 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



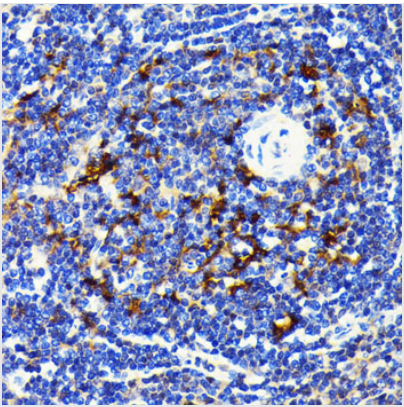
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SQSTM1/p62 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



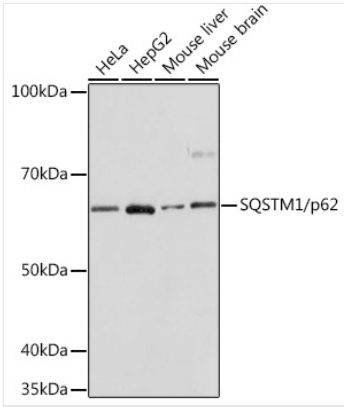
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using SQSTM1/p62 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat spleen using SQSTM1/p62 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using p62/SQSTM1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-SQSTM1/p62 antibody	Background: This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-κB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-κB in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone.
Product Categories/Family for anti-SQSTM1/p62 antibody	Cell Biology & Developmental Biology; Autophagy; Mitochondrial Control of Autophagy

NCBI AND UNIPROT INFORMATION

NCBI GI #	74735628
NCBI GeneID	8878
UniProt Accession #	Q13501; Q13446; Q9BUV7; Q9BVS6; Q9UEU1; A6NFN7; B2R661; B3KUW5
Molecular Weight	440
NCBI Official Full Name	Sequestosome-1
NCBI Official Synonym Full Names	sequestosome 1
NCBI Official Symbol	SQSTM1
NCBI Official Synonym Symbols	p60; p62; A170; OSIL; PDB3; ZIP3; p62B
NCBI Protein Information	sequestosome-1; EBIAP; EBI3-associated protein p60; oxidative stress induced like; ubiquitin-binding protein p62; EBI3-associated protein of 60 kDa; phosphotyrosine independent ligand for the Lck SH2 domain p62; phosphotyrosine-independent ligand for the
UniProt Protein Name	Sequestosome-1
UniProt Gene Name	SQSTM1
UniProt Synonym Gene Names	ORCA; OSIL; EBIAP; p60
UniProt Entry Name	SQSTM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/sqstm1-p62-antibody-western-blot-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/28383>