

Rabbit SQSTM1 Polyclonal Antibody | anti-SQSTM1 antibody

SQSTM1 Antibody

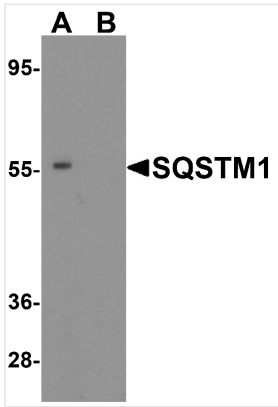
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10960	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

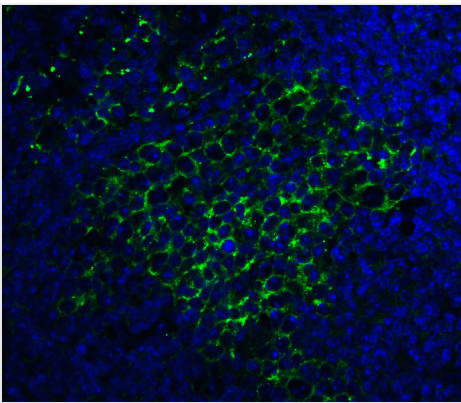
SQSTM1; Polyclonal Antibody; SQSTM1 Antibody; p60; p62; A170; OSIL; PDB3; ZIP3; p62B; ORCA; Sequestosome-1; EBI3-associated protein of 60 kDa; EBIAP; sequestosome 1; anti-SQSTM1 antibody

PRODUCT SPECIFICATIONS

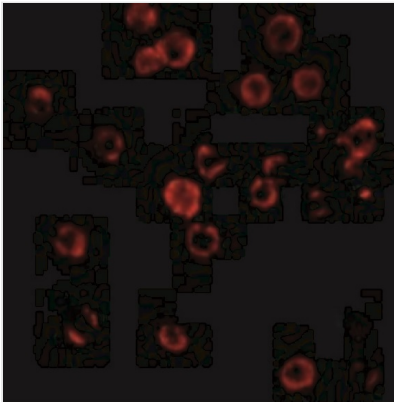
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SQSTM1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	440
Applicable Applications for anti-SQSTM1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	SQSTM1 antibody can be used for detection of SQSTM1 by Western blot at 1 - 2 mug/mL. Antibody can also be used for immunohistochemistry starting at 5 mug/mL. For immunofluorescence start at 20 mug/mL.
Conjugate	Unconjugated
Immunogen	SQSTM1 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human SQSTM1.
Buffer	SQSTM1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.



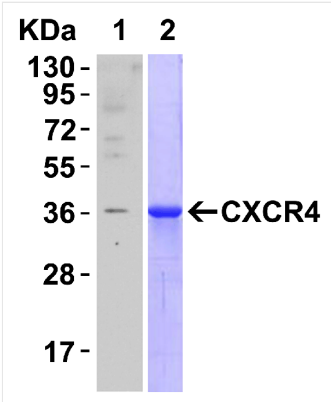
WB (Western Blot)
Western blot analysis of SQSTM1 expression in K562 cell lysate with AP3B2 antibody at 1 μg/ml in (A) the absence and (B) the presence of blocking peptide.



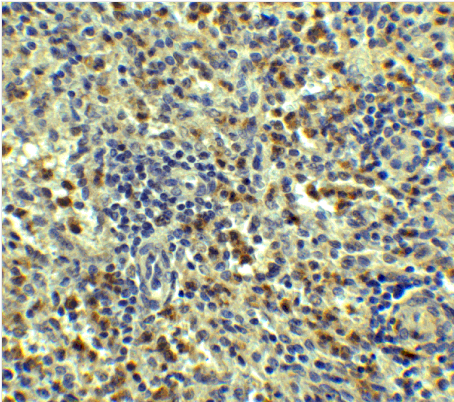
IF (Immunofluorescence)
Immunofluorescence of SQSTM1 in mouse spleen tissue with SQSTM1 antibody at 20 μg/ml. Green: SQSTM1 Antibody (5449) Blue: DAPI staining



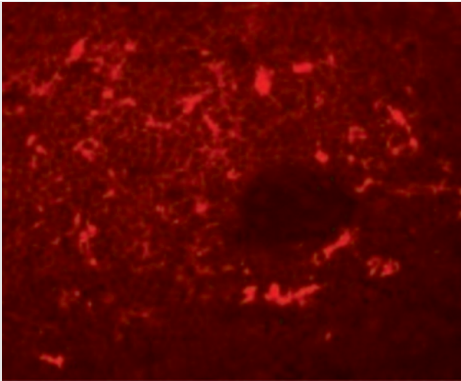
IF (Immunofluorescence)
Immunofluorescence of SQSTM1 in A431 cells with SQSTM1 antibody at 20 μg/ml. Green: SQSTM1 Antibody (5449) Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of SQSTM1 in mouse spleen tissue with SQSTM1 antibody at 2 μg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of SQSTM1 in human spleen tissue with SQSTM1 antibody at 5 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of SQSTM1 in Rat Spleen cells with SQSTM1 antibody at 20 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SQSTM1 antibody	SQSTM1 Antibody: SQSTM1/p62 is an adapter protein which binds ubiquitin and regulates signaling cascades through ubiquitination. It may regulate the activation of NF-?B by TNF-?, nerve growth factor (NGF) and interleukin-1. SQSTM1/p62, a co-interacting protein of the atypical PKC isoforms, has a UBA domain at its C-terminal end, which binds non-covalently to polyubiquitin chain. SQSTM1's UBA domain is necessary for recruitment of polyubiquitin and aggresome formation. SQSTM1 may play a role in titin/TTN downstream signaling in muscle cells and may be involved in cell differentiation, apoptosis, immune response and regulation of K+ channels. Mutations in the ubiquitin-associated (UBA) domain of SQSTM1 commonly cause Paget's disease of bone since the UBA is necessary for aggregate sequestration and cell survival.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74735628
NCBI GeneID	8878
UniProt Accession #	Q13501; Q13446; Q9BUV7; Q9BVS6; Q9UEU1; A6NFN7; B2R661; B3KUW5
Molecular Weight	38,629 Da
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 Lck SH2 domain of 62 kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sqstm1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10960>