

Rabbit anti-Human SQSTM1 Polyclonal Antibody | anti-SQSTM1 antibody

SQSTM1 Antibody

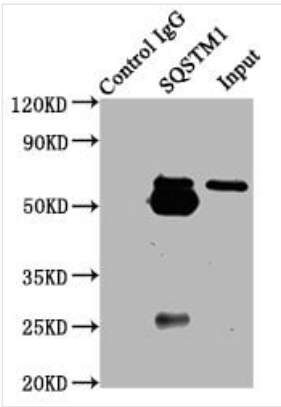
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231858	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

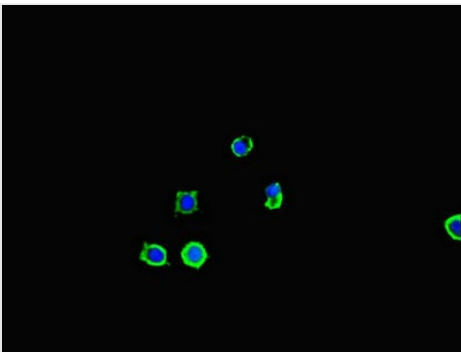
SQSTM1; Polyclonal Antibody; SQSTM1 Antibody; Sequestosome-1; EBI3-associated protein of 60 kDa; EBIAP; p60; Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa; Ubi; ORCA; OSIL; anti-SQSTM1 antibody

PRODUCT SPECIFICATIONS

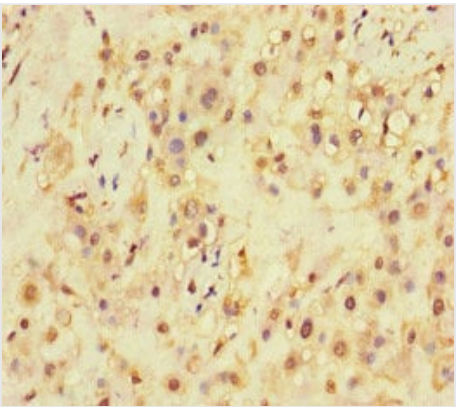
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	356
Applicable Applications for anti-SQSTM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Sequestosome-1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10117 / sc-25575
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



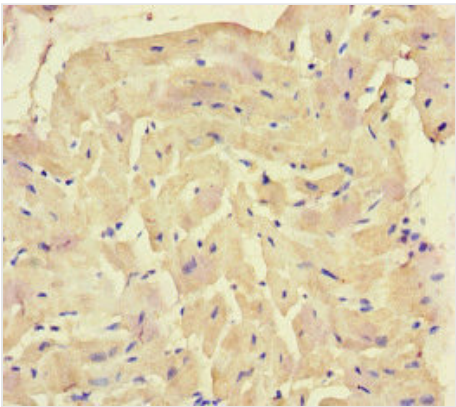
IP (Immunoprecipitation)
Immunoprecipitating SQSTM1 in Hela whole cell lysate. Lane 1: Rabbit control IgG (1ug) instead of AAA231858 in Hela whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: AAA231858 (6ug) + Hela whole cell lysate (500ug). Lane 3: Hela whole cell lysate (10ug).



IHC (Immunohistochemistry)
Immunofluorescent analysis of mcf-7 cells using AAA231858 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231858 at dilution of 1:100.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human heart tissue using AAA231858 at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-SQSTM1 antibody	Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family. Required both for the formation and autophagic degradation of polyubiquitin-containing bodies, called ALIS (aggresome-like induced structures) and links ALIS to the autophagic machinery. Involved in midbody ring degradation. May regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1. May play a role in titin/TTN downstream signaling in muscle cells. May regulate signaling cascades through ubiquitination. Adapter that mediates the interaction between TRAF6 and CYLD (By similarity). May be involved in cell differentiation, apoptosis, immune response and regulation of K(+) channels.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	214830438
NCBI GeneID	8878
NCBI Accession #	NP_001135770.1
NCBI GenBank Nucleotide #	NM_001142298.1
UniProt Accession #	Q13501; Q13446; Q9BUV7; Q9BVS6; Q9UEU1; A6NFN7; B2R661; B3KUW5
Molecular Weight	38,629 Da
NCBI Official Full Name	sequestosome-1 isoform 2

NCBI Official Synonym Full Names	sequestosome 1
NCBI Official Symbol	SQSTM1
NCBI Official Synonym Symbols	p60; p62; A170; OSIL; PDB3; ZIP3; p62B; FTDALS3
NCBI Protein Information	sequestosome-1
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://www.aaabiotech.com/polyclonal/sqstm1-antibody-immunofluorescence-immunohistochemistry-elisa/231858>