

Rabbit anti-Human, Mouse Sequestosome-1 Polyclonal Antibody | anti-SQSTM1 antibody

Rabbit anti-Sequestosome-1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212050	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Sequestosome-1; Polyclonal Antibody; Rabbit anti-Sequestosome-1 Antibody; Affinity Purified; p60; ZIP3; ubiquitin-binding protein p62; sequestosome-1; phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa; phosphotyrosine independent ligand for the Lck SH2 domain p62; PDB3; p62; oxidative stress induced like; OSIL; NADGP; FTDALS3; EBIAP; EBI3-associated protein p60; EBI3-associated protein of 60 kDa; DMRV; A170; p62B; sequestosome 1; anti-SQSTM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SQSTM1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Orangutan
Immunogen	Between 390 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Sequestosome-1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Sequestosome-1 antibody AAA212050 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. Sequestosome-1 was also immunoprecipitated by rabbit anti-Sequestosome-1 antibodies and which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human Sequestosome-1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Sequestosome-1 (Cat. No. AAA212050 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: Vector Laboratories ImmPACT NovaRED Peroxidase Substrate

ADDITIONAL INFORMATION

Related Product Information for anti-SQSTM1 antibody	Sequestosome-1 is an adapter protein that binds ubiquitin and may regulate the activation of NFkB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1. Sequestosome-1 may play a role in titin/TTN downstream signaling in muscle cells, and may regulate signaling cascades through ubiquitination. Sequestosome-1 may be involved in cell differentiation, apoptosis, immune response and regulation of K+ channels [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q13501].
Product Categories/Family for anti-SQSTM1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505571
NCBI GeneID	8878
NCBI Accession #	NP_003891.1
NCBI GenBank Nucleotide #	NM_003900.4
UniProt Accession #	Q13501; Q13446; Q9BUV7; Q9BVS6; Q9JEU1; A6NFN7; B2R661; B3KUW5
Molecular Weight	38,629 Da
NCBI Official Full Name	sequestosome-1 isoform 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sequestosome-1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212050>