

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

SQSTM1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175995	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

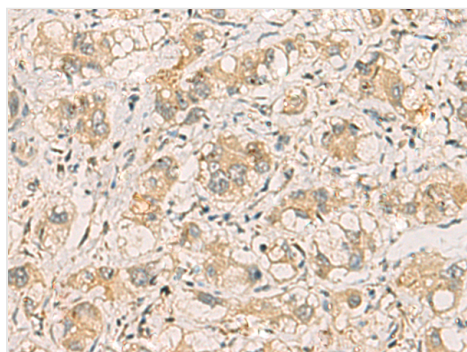
PRODUCT SYNONYMS

SQSTM1; Polyclonal Antibody; SQSTM1 Polyclonal Antibody; A170; DMRV; EBI 3 associated protein of 60 kDa; EBI 3 associated protein p60; EBI3 associated protein of 60 kDa; EBI3 associated protein p60; EBI3-associated protein of 60 kDa; EBIAP; FTDALS3; MGC127197; ORCA; OSF-6; Osi; OSIL; Oxidative stress induced like; P60; P62; P62B; Paget disease of bone 3; PDB 3; PDB3; Phosphotyrosine independent ligand for the Lck SH2 domain of 62 kDa; Phosphotyrosine independent ligand for the Lck SH2 domain p62; Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa; PKC-zeta-interacting protein; Protein kinase C-zeta-interacting protein; Sequestosome 1; Sequestosome-1; SQSTM 1; SQSTM; Sqstm1; STAP; STONE14; Ubiquitin binding protein p62; Ubiquitin-binding protein p62; ZIP 3; ZIP; ZIP3; anti-SQSTM1 antibody

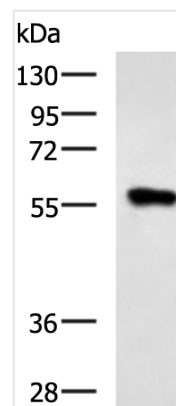
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.14mg/mL (varies by lot)
Sequence Length	440
Applicable Applications for anti-SQSTM1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human SQSTM1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using SQSTM1 Polyclonal Antibody at dilution of 1:40(×200)


WB (Western Blot)

Western blot analysis of Raji cell lysate using SQSTM1 Polyclonal Antibody at dilution of 1:900

ADDITIONAL INFORMATION

Related Product Information for anti-SQSTM1 antibody	Sequestosome 1 (SQSTM1/p62) is a multifunctional adaptor protein implicated in selective autophagy, cell signaling pathways, and tumorigenesis. p62 has been implicated in shuttling ubiquitinated and sometimes aggregated proteins for autophagic degradation. As a autophagy-specific substrate, p62 is degraded during the autophagic process, which makes intracellular level of p62 as a marker for autophagy flux. p62 is at the cross-roads of several signaling pathways including Ras/ Raf/ MAPK and NFkappaB and plays important role in cancer. p62 is a component of inclusion bodies/ protein aggregates found in human diseases, including Huntington's disease, Alzheimer's disease, Parkinson's disease in the brain, and nephropathic cystinosis in kidney (22074114, 22860231, 22714671). The molecular weight of p62 is predicted as 48/ 38 kDa, while western blot analyses using this antibody demonstrate the major band around 60-62 kDa in various tissues.
Product Categories/Family for anti-SQSTM1 antibody	Cancer; Cardiovascular; Epigenetics and Nuclear Signaling; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	74735628
NCBI GeneID	8878
UniProt Accession #	Q13501
Molecular Weight	48 kDa
NCBI Official Full Name	Sequestosome-1
NCBI Official Synonym Full Names	sequestosome 1
NCBI Official Symbol	SQSTM1
NCBI Official Synonym Symbols	p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; 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://stage.aaabiotech.com/polyclonal/sqstm1-antibody-immunohistochemistry-western-blot-elisa/175995>