

Rabbit SQSTM1/p62 Polyclonal Antibody | anti-SQSTM1 antibody

Anti-SQSTM1/p62 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45455	Rabbit	Reacts with: Human, Rat Predicted to work with: Mouse	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SQSTM1/p62; Polyclonal Antibody; Anti-SQSTM1/p62 antibody; Sequestosome-1; sequestosome 1; A170 antibody; EBI 3 associated protein of 60 kDa antibody; EBI 3 associated protein p60 antibody; EBI3 associated protein of 60 kDa antibody; EBI3 associated protein p60 antibody; EBI3-associated protein of 60 kDa antibody; EBIAP antibody; MGC127197 antibody; ORCA antibody; OSF-6 antibody; Osi antibody; OSIL antibody; Oxidative stress induced like antibody; p60 antibody; p62 antibody; p62B antibody; Paget disease of bone 3 antibody; PDB 3 antibody; PDB3 antibody; Phosphotyrosine independent ligand for the Lck SH2 domain of 62 kDa antibody; Phosphotyrosine independent ligand for the Lck SH2 domain p62 antibody; Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa antibody; PKC-zeta-interacting protein antibody; Protein kinase C-zeta-interacting protein antibody; Sequestosome 1 antibody; Sequestosome-1 antibody; SQSTM 1 antibody; SQSTM_HUMAN antibody; Sqstm1 antibody; STAP antibody; STONE14 antibody; Ubiquitin binding protein p62 antibody; Ubiquitin-binding protein p62 antibody; ZIP 3 antibody; ZIP antibody; ZIP3 antibody; anti-SQSTM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	440
Applicable Applications for anti-SQSTM1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SQSTM1 (91-110aa KDDIFRIYIKEKCCRDRH), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 4mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-SQSTM1 antibody	Description: Rabbit IgG polyclonal antibody for Sequestosome-1(SQSTM1) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: SQSTM1(Sequestosome-1), also known as Ubiquitin-Binding Protein P62 or P62, is a protein that in humans is encoded by the SQSTM1 gene. The Src homology type 2(SH2) domain is a highly conserved motif of about 100 amino acids which mediates protein-protein interactions by binding to phosphotyrosine.p56-lck, a T-cell-specific src family tyrosine kinase with an SH2 domain, is involved in T-cell signal transduction. The International Radiation Hybrid Mapping Consortium mapped the p62 gene to chromosome 5q35. Park et al.(1995) found that the p56-lck SH2 domain binds to p62 at the ser59 of p62 only when that serine is phosphorylated. Joung et al.(1996) expressed epitope-tagged p62 in Hela cells and showed that the expressed protein bound to the lck SH2 domain and that this binding was dependent on the N-terminal 50 amino acids of p62 but not on the tyrosine residue in this region.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74735628
NCBI GeneID	8878
UniProt Accession #	Q13501; Q13446; Q9BUV7; Q9BVS6; Q9UEU1; A6NFN7; B2R661; B3KUW5
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.