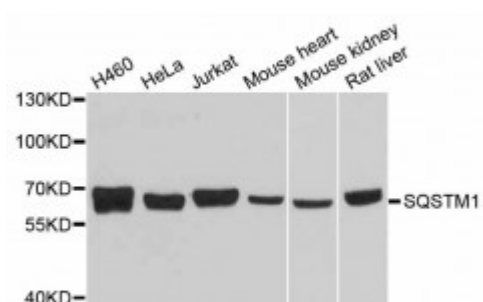


## Anti-SQSTM1 Antibody



### Description

This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- $\kappa$ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- $\kappa$ B in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone.

<b>Model</b>	STJ113746
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-440 of human SQSTM1 (NP_001135770.1).
<b>Gene ID</b>	<a href="#">8878</a>
<b>Gene Symbol</b>	<a href="#">SQSTM1</a>
<b>Dilution range</b>	WB 1:500 - 1:2000
<b>Tissue Specificity</b>	Ubiquitously expressed
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Sequestosome-1 EBI3-associated protein of 60 kDa EBIAP p60 Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa

	Ubiquitin-binding protein p62
<b>Molecular Weight</b>	47.687 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:11280</a> <a href="#">OMIM:167250</a> <a href="#">Reactome:R-HSA-205043</a>
<b>Alternative Names</b>	Sequestosome-1 EBI3-associated protein of 60 kDa EBIAP p60 Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa Ubiquitin-binding protein p62
<b>Function</b>	Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family ,
<b>Cellular Localization</b>	Cytoplasm, cytosol,
<b>Post-translational Modifications</b>	Phosphorylated, May be phosphorylated by PRKCZ , Phosphorylated in vitro by TTN, Phosphorylation at Ser-403 by ULK1 is stimulated by SESN2 ,

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