

## Product datasheet for **TA381981S**

### SQSTM1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:50 - 1:100 IP,1:20 - 1:50
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-440 of human SQSTM1/p62 (NP_001135770.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	38kDa/47kDa
Gene Name:	sequestosome 1
Database Link:	<a href="#">Entrez Gene 8878 Human Q13501</a>



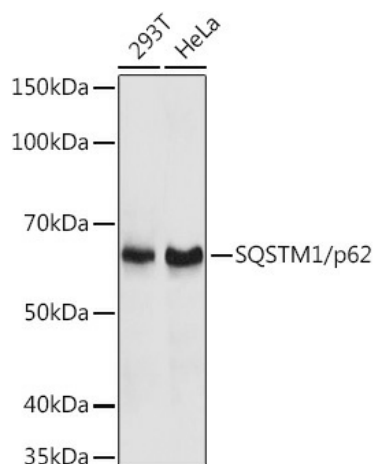
[View online »](#)

**Background:**

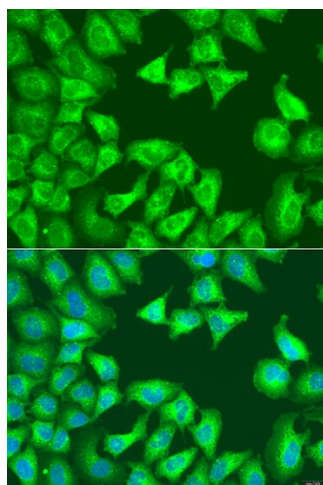
This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- $\kappa$ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- $\kappa$ B in 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.

**Synonyms:**

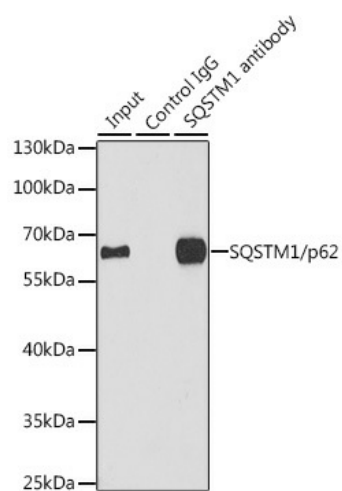
A170; EBIAP; ORCA; OSIL; p60; p62; p62B; PDB3; ZIP3

**Product images:**

Western blot analysis of extracts of various cell lines, using SQSTM1/p62 antibody ([TA381981]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 1s.



Immunofluorescence analysis of U2OS cells using SQSTM1/p62 antibody ([TA381981]) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 100ug extracts of HepG2 cells using 3ug SQSTM1/p62 antibody ([TA381981]). Western blot was performed from the immunoprecipitate using SQSTM1/p62 antibody ([TA381981]) at a dilution of 1:1000.