

Product datasheet for **TA381979**

SQSTM1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200 IP,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human SQSTM1/p62 (NP_003891.1).
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:	Entrez Gene 8878 Human Q13501



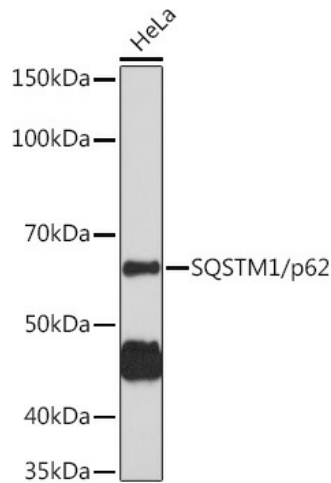
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Background:

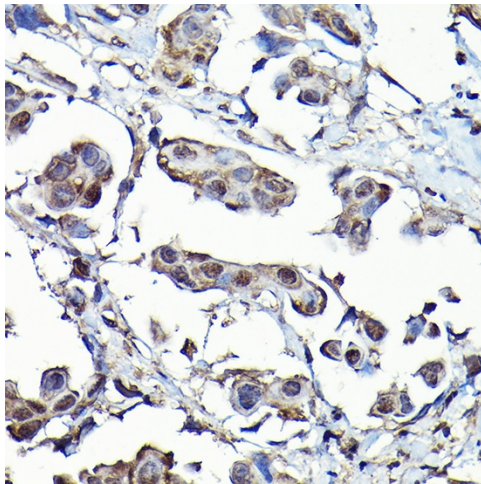
This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- κ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- κ B in response to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

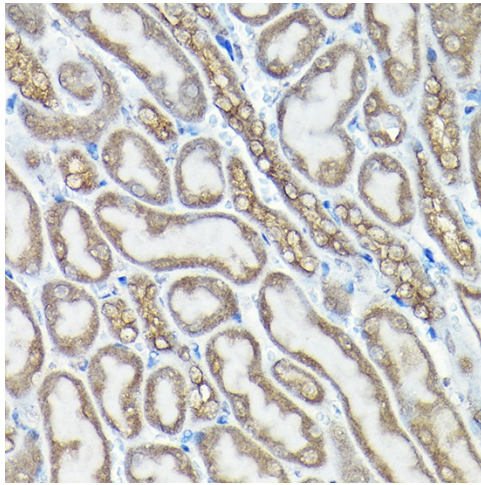
A170; EBIAP; ORCA; OSIL; p60; p62; p62B; PDB3; ZIP3

Product images:

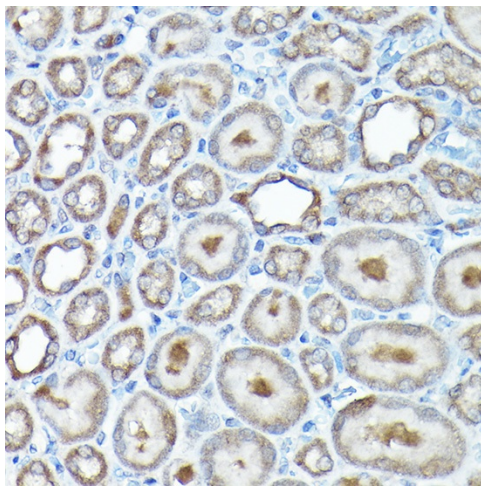
Western blot analysis of extracts of HeLa cells, using SQSTM1/p62 antibody (TA381979) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 3min.



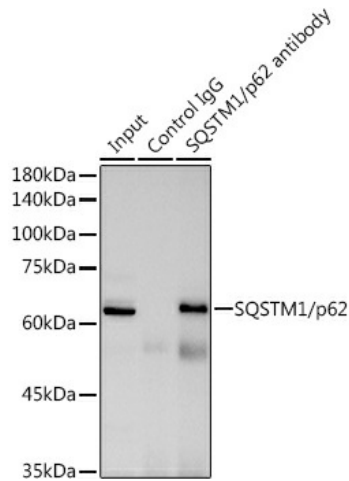
Immunohistochemistry of paraffin-embedded human breast cancer using SQSTM1/p62 Rabbit pAb (TA381979) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse kidney using SQSTM1/p62 Rabbit pAb (TA381979) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat kidney using SQSTM1/p62 Rabbit pAb (TA381979) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunoprecipitation analysis of 600ug extracts of Mouse liver using 3ug SQSTM1/p62 antibody (TA381979). Western blot was performed from the immunoprecipitate using SQSTM1/p62 antibody (TA381979) at a dilution of 1:1000.