

## Anti-SQSTM1/p62 Rabbit pAb

Purified Rabbit Polyclonal Antibody

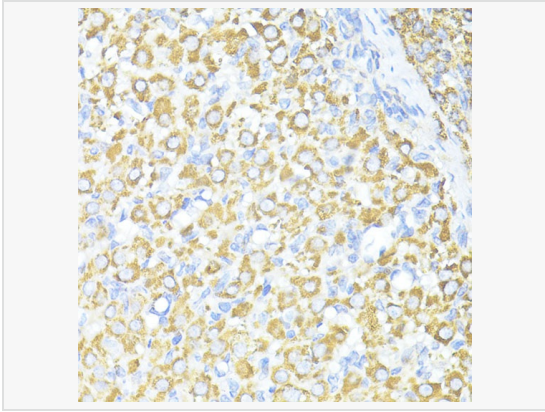
Catalog # P100880

### Product Information

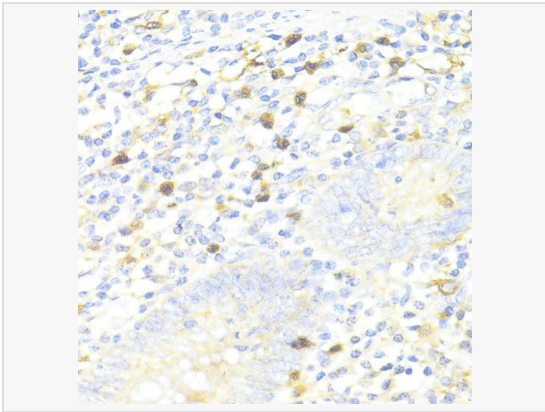
Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:100; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-356 of human SQSTM1/p62 (NP_001135770.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SQSTM1/p62 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

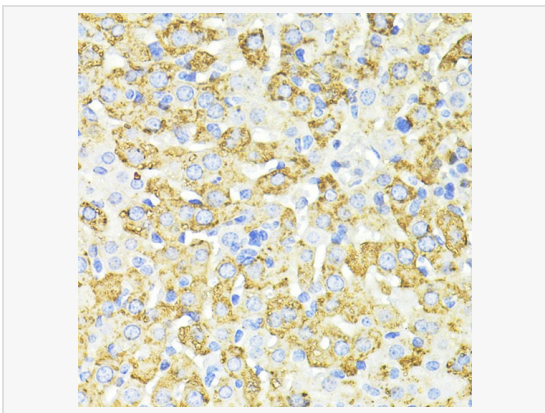
Synonyms	p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3; SQSTM1/p62.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 62 kDa
Uniprot ID	Q13501
Gene ID	8878
Background	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-κB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-κB 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.



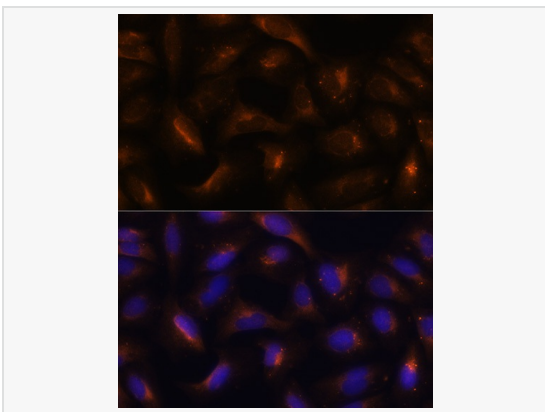
Immunohistochemistry analysis of paraffin-embedded Rat ovary using SQSTM1/p62 Rabbit pAb (P100880) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



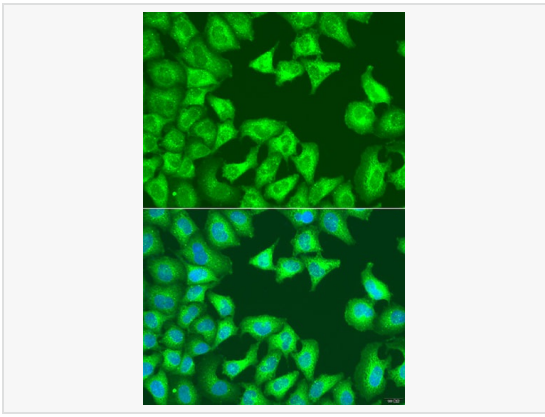
Immunohistochemistry analysis of paraffin-embedded Human appendix using SQSTM1/p62 Rabbit pAb (P100880) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



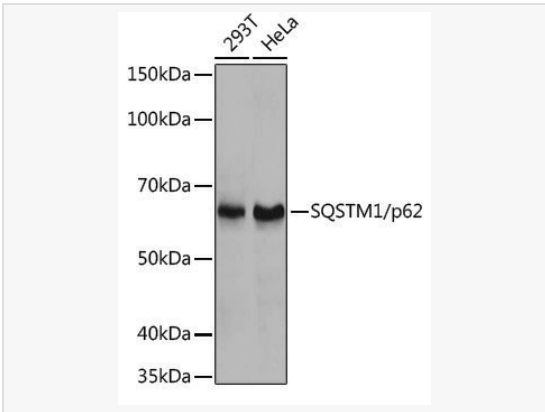
Immunohistochemistry analysis of paraffin-embedded Mouse liver using SQSTM1/p62 Rabbit pAb (P100880) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



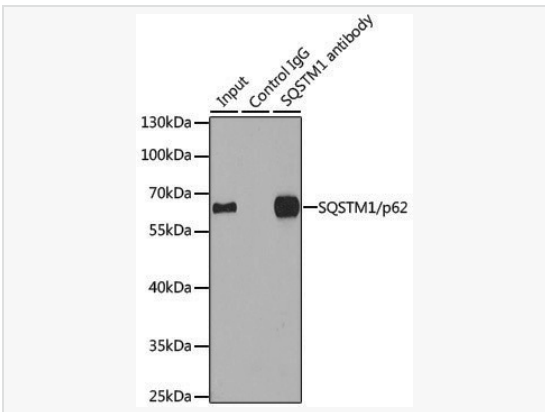
Immunofluorescence analysis of U2OS cells using SQSTM1/p62 Rabbit pAb (P100880) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using SQSTM1/p62 Rabbit pAb (P100880) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using SQSTM1/p62 Rabbit pAb (P100880) at 1:1,000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Kit.  
Exposure time: 1s.



Immunoprecipitation analysis of 100 µg extracts of HepG2 cells using 3 µg SQSTM1/p62 antibody (P100880). Western blot was performed from the immunoprecipitate using SQSTM1/p62 antibody (P100880) at a dilution of 1:1000.