

A11483

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# SQSTM1/p62 Rabbit pAb

Catalog No.: A11483

16 Publications

## Basic Information

### Observed MW

62kDa

### Calculated MW

48kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,IP,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## 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.

## Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100
IP	0.5 $\mu$ g-4 $\mu$ g antibody for 200 $\mu$ g-400 $\mu$ g extracts of whole cells

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

### Gene ID

8878

### Swiss Prot

Q13501

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-356 of human SQSTM1/p62 (NP\_001135770.1).

### Synonyms

p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3; SQSTM1/p62

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

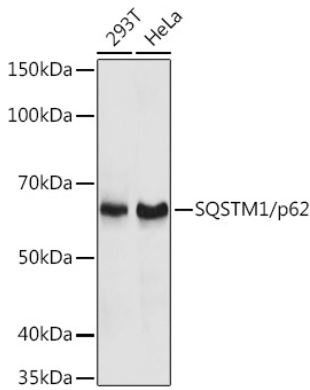
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using SQSTM1/p62 Rabbit pAb (A11483) at 1:1000 dilution.

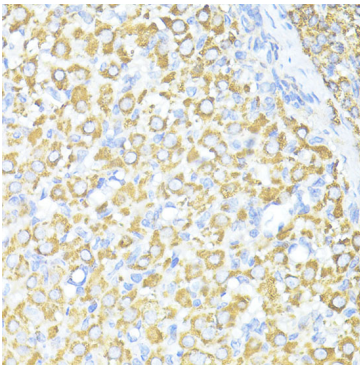
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

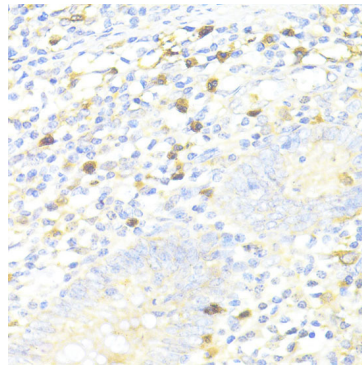
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

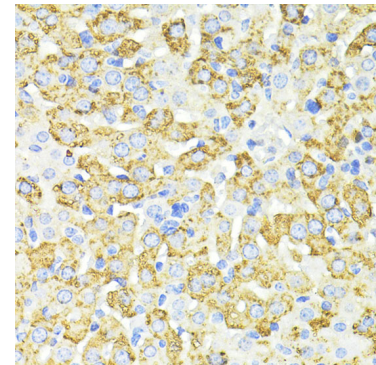
Exposure time: 1s.



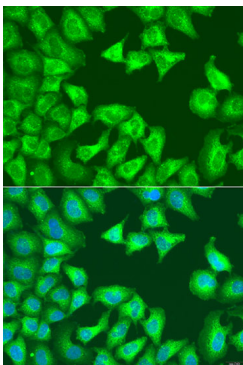
Immunohistochemistry analysis of paraffin-embedded Rat ovary using SQSTM1/p62 Rabbit pAb (A11483) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human appendix using SQSTM1/p62 Rabbit pAb (A11483) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



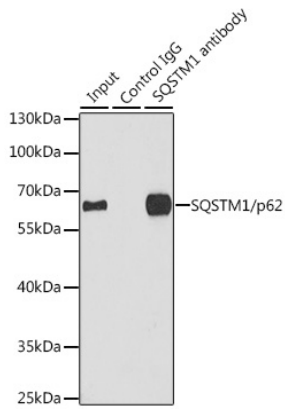
Immunohistochemistry analysis of paraffin-embedded Mouse liver using SQSTM1/p62 Rabbit pAb (A11483) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of U2OS cells using SQSTM1/p62 Rabbit pAb (A11483) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

## Validation Data

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Immunoprecipitation analysis of 100  $\mu$ g extracts of HepG2 cells using 3  $\mu$ g SQSTM1/p62 antibody (A11483). Western blot was performed from the immunoprecipitate using SQSTM1/p62 antibody (A11483) at a dilution of 1:1000.