

[KO Validated] SQSTM1/p62 Rabbit mAb

Catalog No.: A19700 **KO** **Validated** **Recombinant** **10 Publications**

Basic Information

Catalog No.

A19700

Observed MW

62kDa

Calculated MW

62kDa

Category

Primary antibody

Applications

WB, IHC, IF, IP


Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200
IP	1:50 - 1:200

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
8878	Q13501

Immunogen

A synthesized peptide derived from human SQSTM1/p62.

Synonyms

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

Product Information

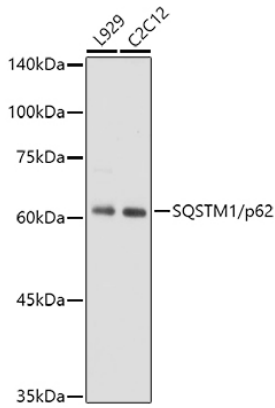
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using SQSTM1/p62 antibody (A19700) at 1:1000 dilution.

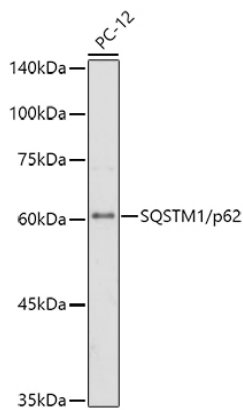
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of extracts of PC-12 cells, using SQSTM1/p62 antibody (A19700) at 1:1000 dilution.

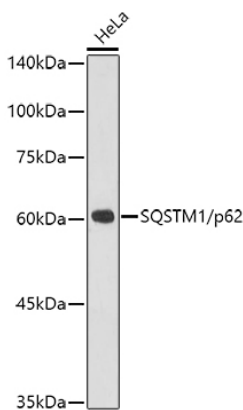
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of extracts of HeLa cells, using SQSTM1/p62 antibody (A19700) at 1:1000 dilution.

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

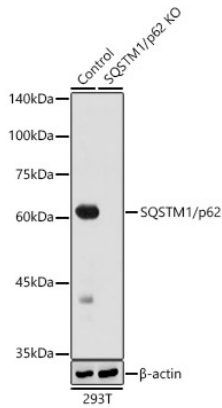
Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

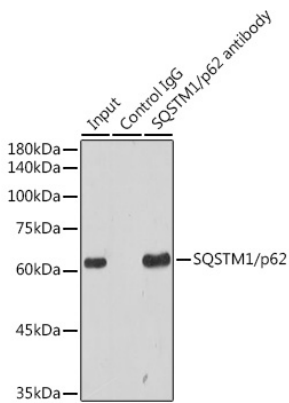
Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.

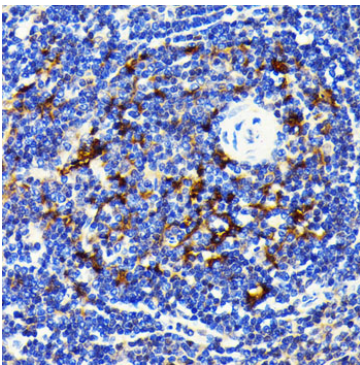
Validation Data



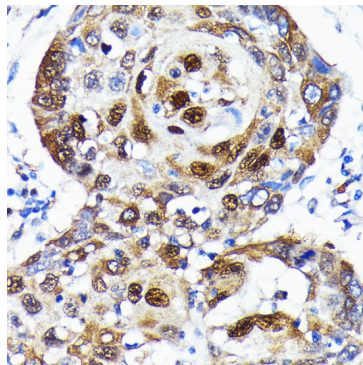
Western blot analysis of extracts from normal (control) and SQSTM1/p62 knockout (KO) 293T cells, using SQSTM1/p62 antibody (A19700) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



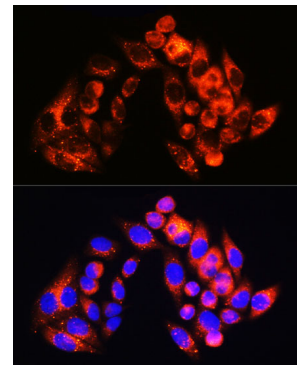
Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug SQSTM1/p62 antibody (A19700). Western blot was performed from the immunoprecipitate using SQSTM1/p62 antibody (A19700) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat spleen using SQSTM1/p62 antibody (A19700) at dilution of 1:100 (40x lens).

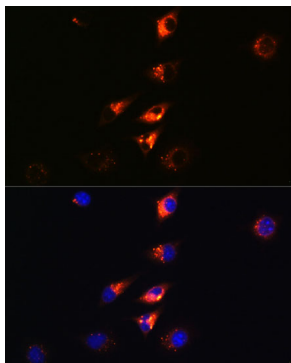


Immunohistochemistry of paraffin-embedded human lung cancer using SQSTM1/p62 antibody (A19700) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using SQSTM1/p62 antibody (A19700) at dilution of 1:100. Blue: DAPI for nuclear staining.

Validation Data



Immunofluorescence analysis of L929 cells using SQSTM1/p62 antibody (A19700) at dilution of 1:100. Blue: DAPI for nuclear staining.