

SQSTM1/p62 Rabbit pAb

Catalog No.: A11483 **22 Publications**

Basic Information

Observed MW

62kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

WB, 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- 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.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:100
IP	0.5 μ g-4 μ g antibody for 200 μ g-400 μ g extracts of whole cells
ELISA	Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Immunogen Information

Gene ID

8878

Swiss Prot

Q13501

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

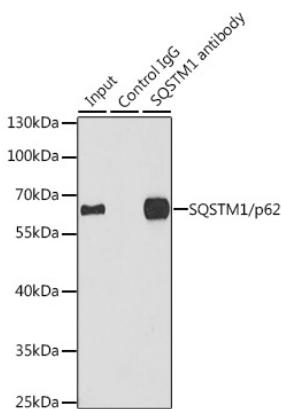
Synonyms

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

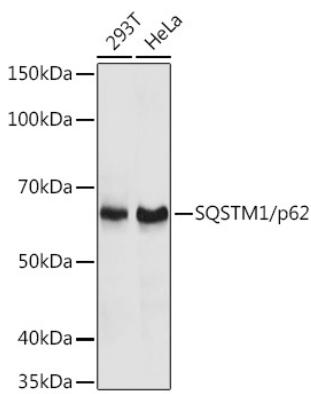
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

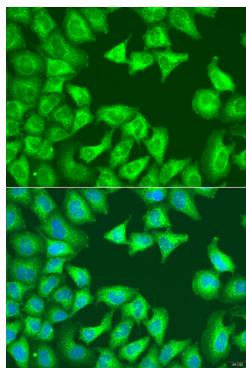
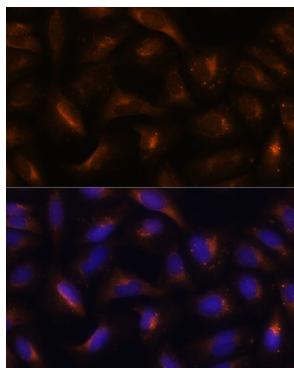
Validation Data



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



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



Immunofluorescence analysis of U2OS cells using SQSTM1/p62 Rabbit pAb (A11483) at dilution of 1:100. Blue: DAPI for nuclear staining.

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