

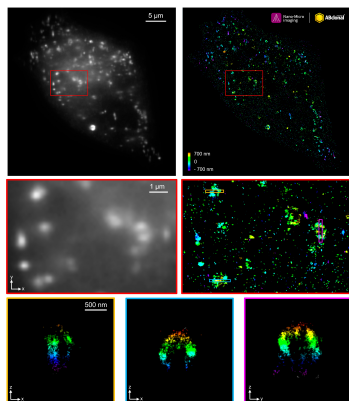


Product name:	SQSTM1/p62 Rabbit Monoclonal Antibody
Cat number:	MAB19700
Conjugate:	Unconjugated
Size:	100 ug
Clone:	ARC0180
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthetic peptide. This information is considered to be commercially sensitive.
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:20000 - 1:80000 IHC-P 1:500 - 1:5000 IF/ICC 1:50 - 1:200 IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	62kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Synonyms:	p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3; SQSTM1/p62
Source:	Rabbit
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.

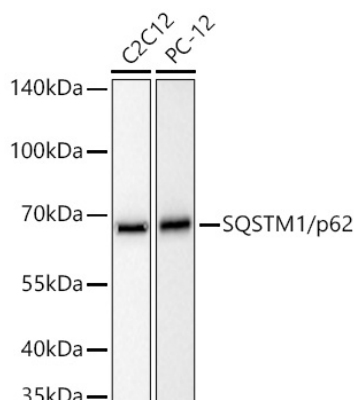
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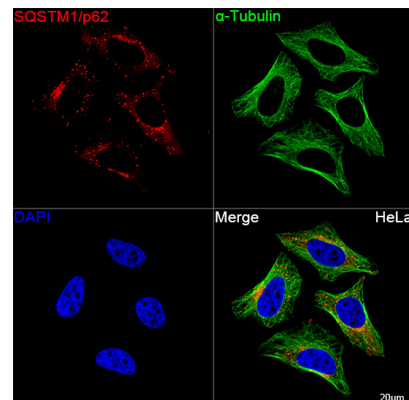
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



The STORM super-resolution (SR) imaging of HeLa cells using SQSTM1/p62 Rabbit mAb at dilution of 1:200 with 3% paraformaldehyde (PFA) +0.1% glutaraldehyde (GA) fixation. The immunostaining was performed by Full Automatic Immunofluorescence Workflow System (Workflow Ultra300, Nano-Micro imaging, China). Image was performed with Single-Molecule Localization Super-Resolution Microscopy (STORM Ultra300, Nano-Micro imaging).



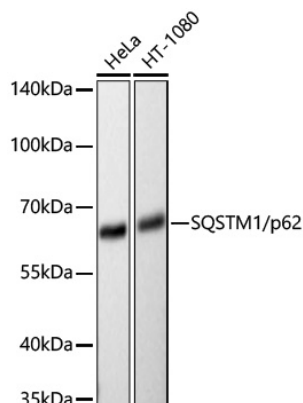
Western blot analysis of various lysates using SQSTM1/p62 Rabbit mAb at 1:20000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 10s.



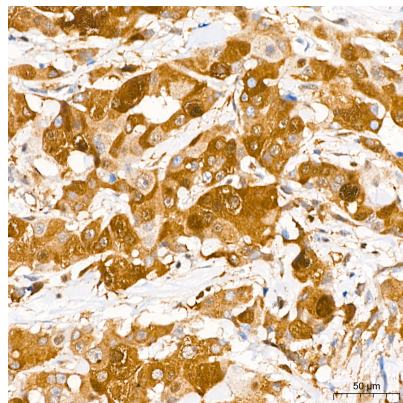
Confocal imaging of HeLa cells using SQSTM1/p62 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (dilution 1:400) followed by incubation with conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

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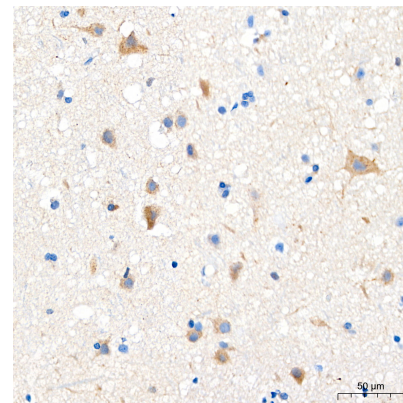
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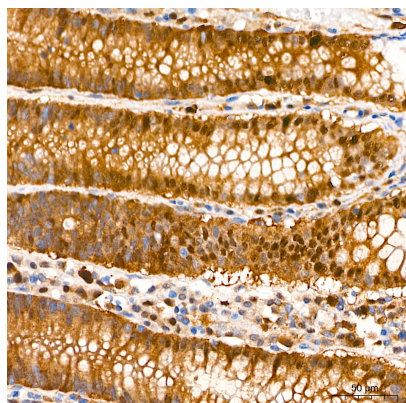
Western blot analysis of various lysates using SQSTM1/p62 Rabbit mAb at 1:20000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 30s.



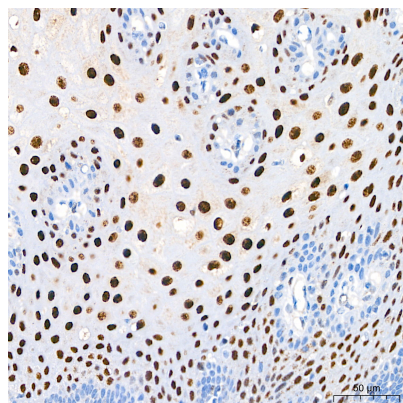
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using SQSTM1/p62 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



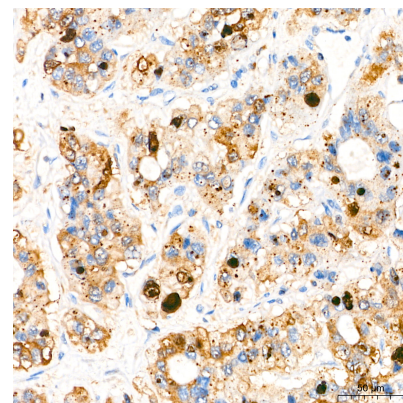
Immunohistochemistry analysis of paraffin-embedded Human brain tissue using SQSTM1/p62 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using SQSTM1/p62 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



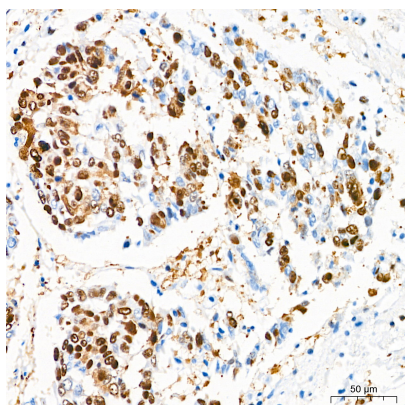
Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using SQSTM1/p62 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



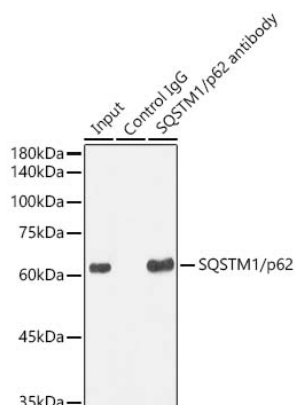
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using SQSTM1/p62 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

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Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using SQSTM1/p62 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



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

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