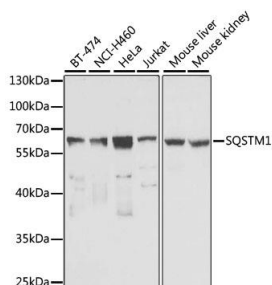
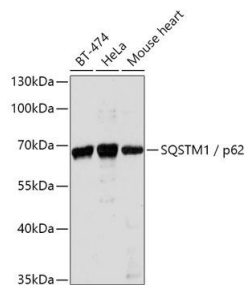


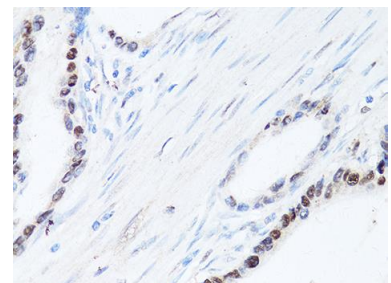
<b>Cat. No:</b>	AB-83779
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-440 of human P62/SQSTM1
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500-1:2000 Immunohistochemistry (paraffin-embedded tissues): 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Immunoprecipitation: 1:50 - 1:200
<b>Molecular Weight:</b>	62kDa
<b>Purification:</b>	Aff. Pur.
<b>Background:</b>	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.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles



Western blot analysis of extracts of various cell lines, using 62/SQSTM1 antibody at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL West Pico Kit.

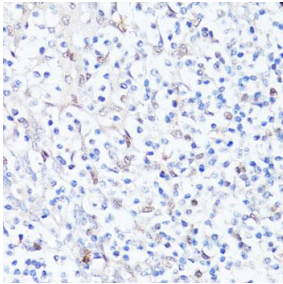


Western blot analysis of extracts of various cell lines, using SQSTM1 antibody at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit  
Exposure time: 30s.

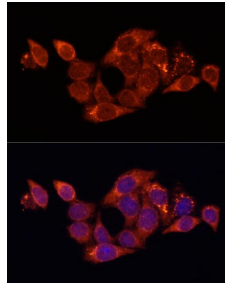


Immunohistochemistry of paraffin embedded human colon carcinoma using SQSTM1 / p62 antibody at dilution of 1:100 (40x lens).

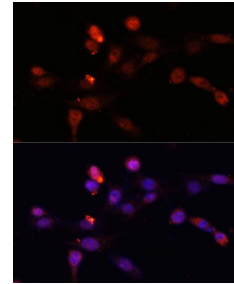
Exposure time: 10s.



Immunohistochemistry of paraffin embedded human tonsil using SQSTM1 / p62 antibody at dilution of 1:150 (40x lens).



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



Immunofluorescence analysis of NIH/3T3 cells using SQSTM1 / p62 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## References

References for SQSTM1 / p62 Rabbit pAb

Product:SQSTM1 / p62 Rabbit pAb

Journal:Redox Biology

Application:WB

IF:7.79

Species:Homo sapiens

PMID:31785531

Title:HEATR1 deficiency promotes pancreatic cancer proliferation and gemcitabine resistance by up-regulating Nrf2 signaling

References for SQSTM1 / p62 Rabbit pAb

Product:SQSTM1 / p62 Rabbit pAb

Journal:Insect Biochemistry and Molecular Biology

Application:WB

IF:3.61

Species:Bombyx mori

PMID:31654713

Title:Steroid hormone 20-hydroxyecdysone induces the transcription and complex assembly of V-ATPases to facilitate autophagy in Bombyx mori

References for SQSTM1 / p62 Rabbit pAb

Product: SQSTM1 / p62 Rabbit pAb

Journal:J Mol Med (Berl)

Application:WB

IF:4.42

Species:Mus musculus

PMID:32783081

Title:NLRP6 contributes to inflammation and brain injury following intracerebral haemorrhage by activating autophagy

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