SQSTM1 / p62 Polyclonal Antibody

Catalog No: #31319

Package Size: #31319-1 50ul #31319-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

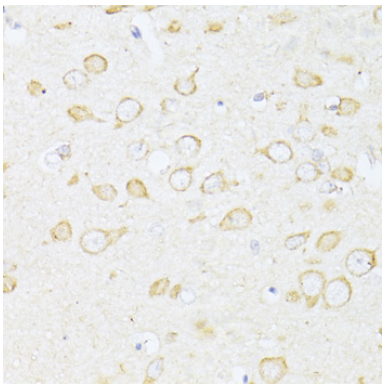
Description

Product Name	SQSTM1 / p62 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human SQSTM1 / p62 (NP_001135770.1).
Conjugates	Unconjugated
Other Names	SQSTM1; A170; DMRV; FTDALS3; NADGP; OSIL; PDB3; ZIP3; p60; p62; p62B; sequestosome-1
Accession No.	Swiss-Prot#:Q13501NCBI Gene ID:8878
Calculated MW	60kDa
Formulation	Avoid freeze / thaw cycles.|Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

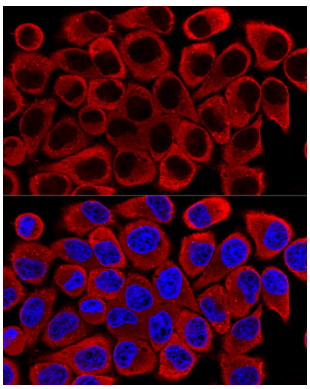
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200IP□1:50 - 1:100

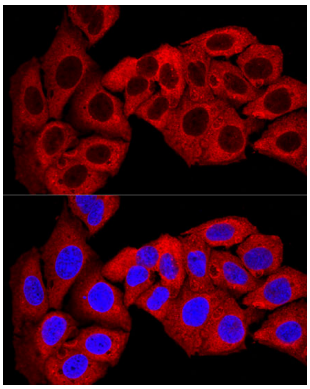
Images



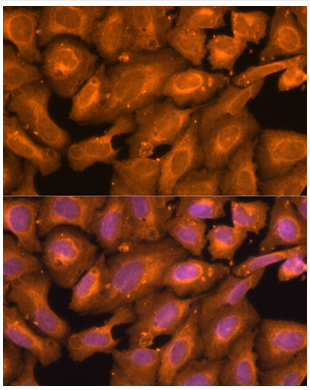
Immunohistochemistry of paraffin-embedded rat brain using SQSTM1 / p62 antibody at dilution of 1:100 (40x lens).



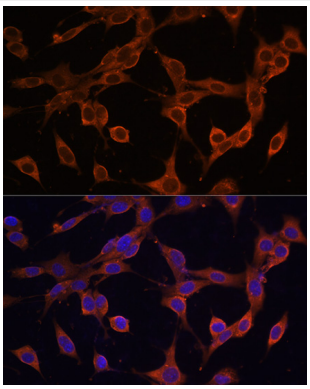
Confocal immunofluorescence analysis of Hela cells using SQSTM1 / p62 Polyclonal antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



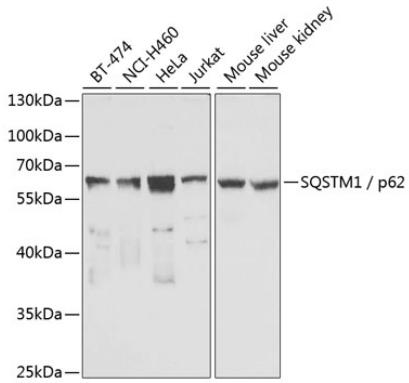
Confocal immunofluorescence analysis of U-2 OS cells using SQSTM1 / p62 Polyclonal antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using SQSTM1 / p62 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



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



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

Background

This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB 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.

Published Papers

Hanyu Chen;Qianbei Lin;Yanlin Zeng;Pinliang Chen;Pengpeng Guo;Ruoshui Feng;Zhenyu Guo;Jinhua Kang;Qiucen Chen;Xiaoxiong Zhou el at., Xinyin tablets affect mitophagy and cardiomyocyte apoptosis to alleviate chronic heart failure by regulating histone deacetylase 3(HDAC3)-mediated PTEN induced putative kinase 1(PINK1)/Parkin signaling pathway., , (2025)

PMID:40122315