

Recombinant SQSTM1/p62 Monoclonal Antibody

catalog number: **AN301383L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

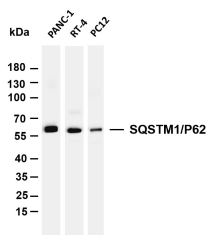
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human SQSTM1/p62 protein
Host	Rabbit
Isotype	IgG, κ
Clone	B1150
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

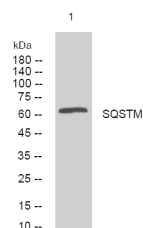
Applications

Applications	Recommended Dilution
IHC	1:200-1000
WB	1:500-5000
IF	1:200-1000
ELISA	1:5000-20000
IP	1:50-200

Data



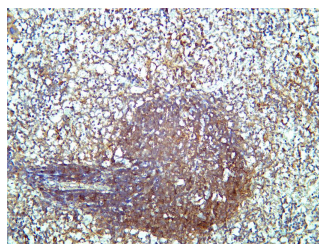
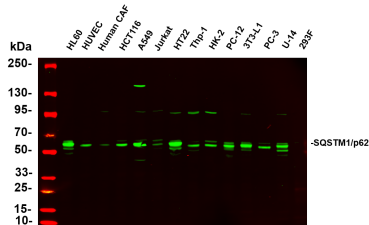
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SQSTM1/p62 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: PANC-1 Lane 2: RT-4 Lane 3: PC12 Predicted band size: 48kDa Observed band size: 62kDa



Western blot analysis of lysates from AD293 cells, primary antibody was diluted at 1:1000, 4°C over night

Observed-MW:60 kDa

Calculated-MW:48 kDa



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Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

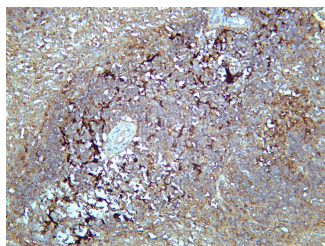
Fax: 1-832-243-6017

Rev. V1.2

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:2500 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1:

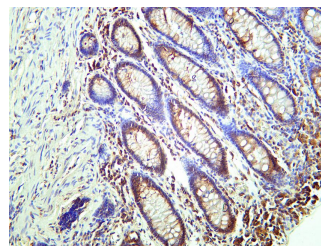
HL60 Lane2: HUVEC Lane3: Human CAF Lane4: HCT116
Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1
Lane9: HK-2 Lane10: PC-12 Lane11: 3T3-L1 Lane12: PC-3
Lane13: U-14 Lane14: 293F. Predicted band size: 48kDa

Observed band size: 62kDa

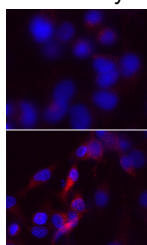


Rat spleen tissue was stained with Anti-SQSTM1/p62 rabbit Antibody

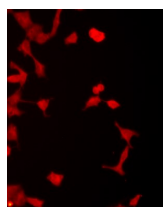
Mouse spleen tissue was stained with Anti-SQSTM1/p62 rabbit Antibody



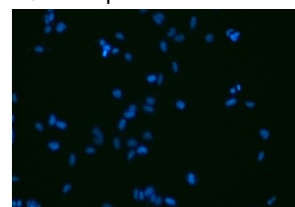
Human colon carcinoma tissue was stained with Anti-SQSTM1/p62 rabbit Antibody



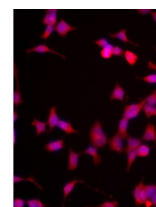
Immunofluorescence analysis of HeLa cells treated or untreated with UV 30MIN. 1, primary antibody (red) was diluted at 1:200 (4°C, overnight). 2, AF488 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min).



A



B



C

Immunofluorescence analysis of HEK293. Picture A: SQSTM1/p62 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B.

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

Ice bag

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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