

## Recombinant SQSTM1/p62 Monoclonal Antibody

catalog number: AN301383L

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

### Description

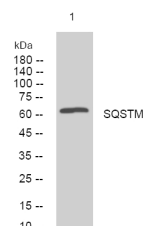
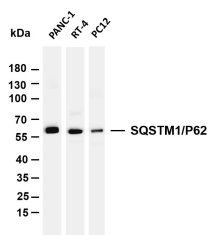
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human SQSTM1/p62 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B1150
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

<b>IHC</b>	1:200-1000
<b>WB</b>	1:500-5000
<b>IF</b>	1:200-1000
<b>ELISA</b>	1:5000-20000
<b>IP</b>	1:50-200

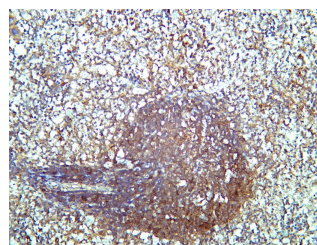
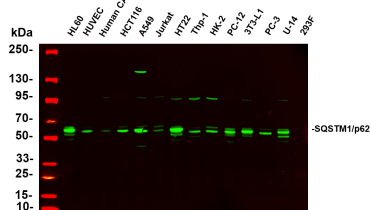
### Data



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**



### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

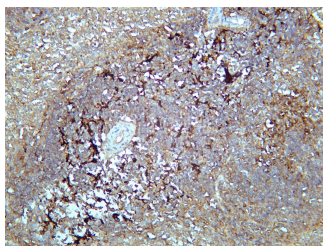
Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

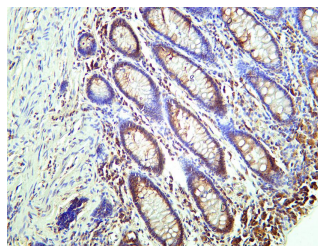
Rev. V1.3

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, overnight with a 1:2500 dilution. The Dylight 800-conjugated

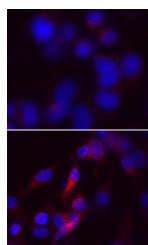
Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HL60 Lane2: HUVEC Lane3: Human CAF Lane4: HCT116 Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1 Lane9: HK-2 Lane10: PC-12 Lane11: 3T3-L1 Lane12: PC-3 Lane13: U-14 Lane14: 293F. Predicted band size: 48kDa Observed band size: 62kDa



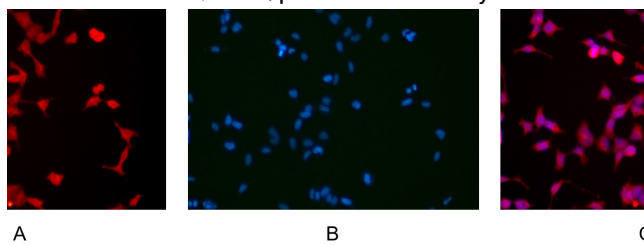
Mouse spleen tissue was stained with Anti-SQSTM1/p62 rabbit Antibody



Rat 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).

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.

### For Research Use Only