Leader in Biomolecular Solutions for Life Science

# Phospho-SQSTM1/p62-S349 Rabbit pAb



Catalog No.: A20737

### **Basic Information**

### **Observed MW**

62kDa

#### **Calculated MW**

48kDa

### Category

Polyclonal Antibody

#### **Applications**

WB, ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

### **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.

## **Recommended Dilutions**

WB

1:100 - 1:500

## **Immunogen Information**

Gene ID

Swiss Prot Q13501

# Immunogen

A synthetic phosphorylated peptide around S349 of human SQSTM1/p62 (NP\_003891.1).

#### Synonyms

p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3; Phospho-SQSTM1/p62-S349

### **Contact**

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www.abclonal.com

### **Product Information**

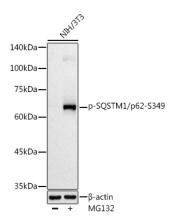
**Source** Rabbit **Isotype** IgG **Purification**Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

### **Validation Data**



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-SQSTM1/p62-S349 antibody (A20737) at 1:500 dilution.NIH/3T3 cells were treated by MG132(50  $\mu$ M) at 37°C for 90 minutes.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.

