

## SQSTM1

**Reactivity:**Human Mouse

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**48kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human SQSTM1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bch

**Synonym:**

p60; p62; A170; OSIL; PDB3; ZIP3; p62B

**Catalog #:**A7758

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8878

**Isotype:**IgG

**Swiss Prot:**Q13501

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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