

## Anti-SQSTM1/p62 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010823

### Product Information

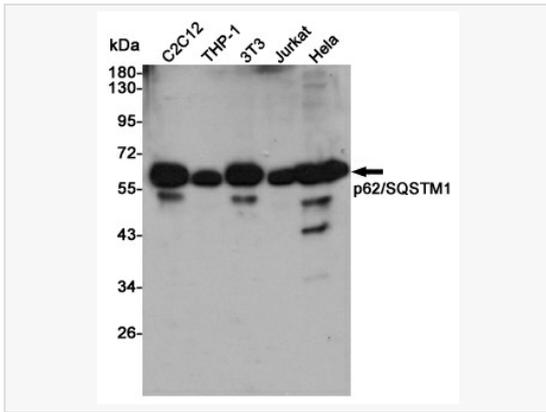
Application	ELISA, WB, ICC/IF (Cell), FC
Reactivity	Rat, Human, Mouse
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human p62/SQSTM1
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SQSTM1/p62 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

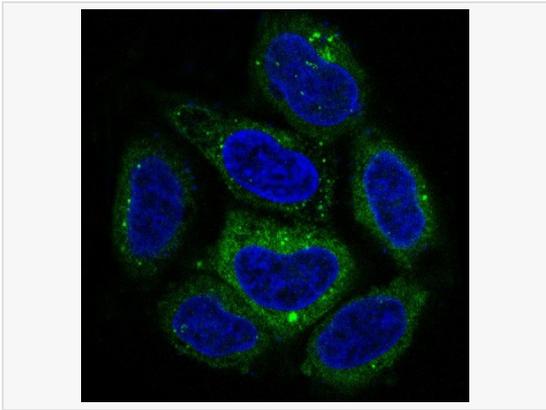
Synonyms	p60, p62, A170, DMRV, OSIL, PDB3, ZIP3, p62B, NADGP, FTDALS3.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 62 kDa
Uniprot ID	Q13501
Gene ID	8878
Background	Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family. Required both for the formation and autophagic degradation of polyubiquitin-containing bodies, called ALIS (aggresome-like induced structures) and links ALIS to the autophagic machinery. Involved in midbody ring degradation. May regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1.

## Validation Images

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Western blot analysis of p62/SQSTM1 in C2C12, THP-1, 3T3, Jurkat and HeLa lysates using SQSTM1/p62 antibody.



Immunofluorescence analysis of SQSTM1/p62 in HeLa using p62/SQSTM1 antibody.