

Anti-SQSTM1/p62 Rabbit pAb

Purified Rabbit Polyclonal Antibody

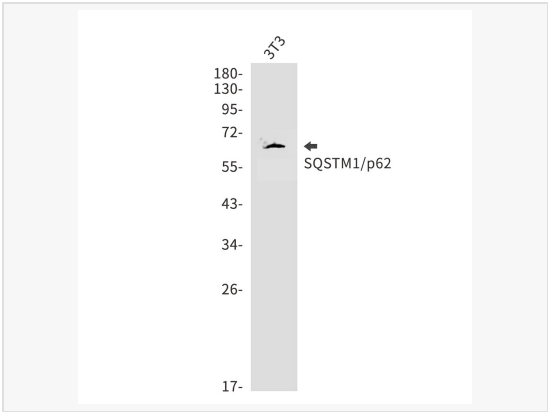
Catalog # P012531

Product Information

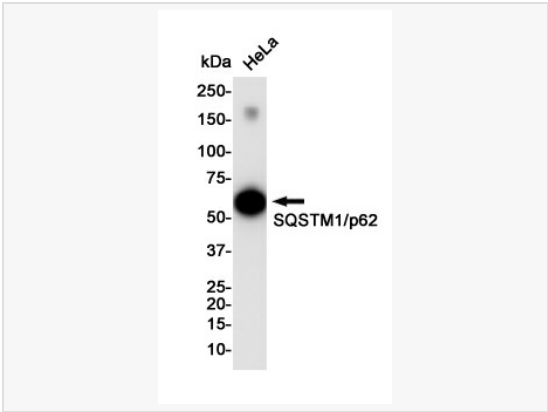
Application	WB, ICC/IF (Cell), FC, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human SQSTM1/p62
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
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

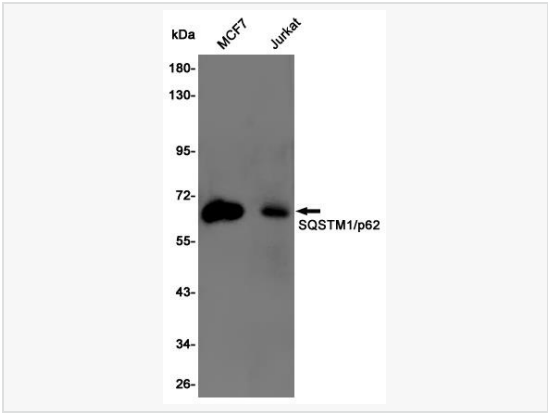
Synonyms	p60, p62, A170, DMRV, OSIL, PDB3, ZIP3, p62B, NADGP, FTDALS3.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 62 kDa
Uniprot ID	Q13501
Gene ID	8878
Background	Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family. 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.



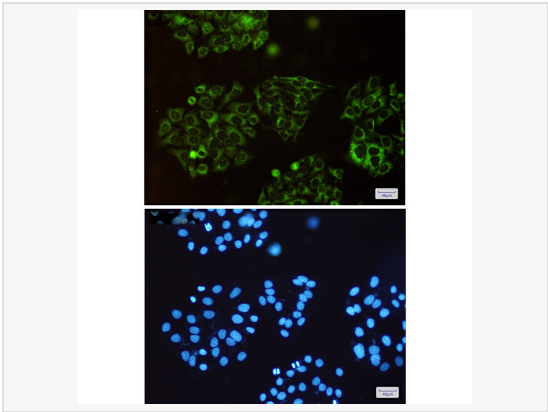
Western blot analysis of SQSTM1/p62 in 3T3 lysates using SQSTM1/p62 antibody.



Western blot analysis of SQSTM1/p62 in HeLa lysates using SQSTM1/p62 antibody.



Western blot analysis of SQSTM1/p62 in MCF-7, Jurkat lysates using SQSTM1/p62 antibody



Immunocytochemistry analysis of SQSTM1/p62 (green) in HeLa using SQSTM1/p62 antibody and DAPI (blue) .