

Product Name: SQSTM1/p62 Rabbit Polyclonal Antibody
Catalog #: APRab01387

Summary

Production Name	SQSTM1/p62 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	SQSTM1
Alternative Names	p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3
Gene ID	8878
SwissProt ID	Q13501

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 FC: 1/50-1/100
Molecular Weight	Calculated MW: 48 kDa; Observed MW: 62 kDa

Background

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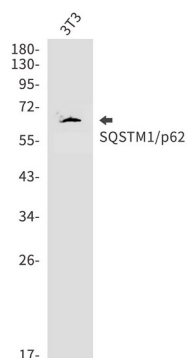


Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family. Required both for the formation and autophagic degradation of polyubiquitin-containing bodies, called ALIS (aggresome-like induced structures) and links ALIS to the autophagic machinery. Involved in midbody ring degradation. May regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1.

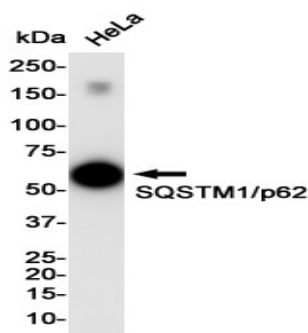
Research Area

Signal Transduction

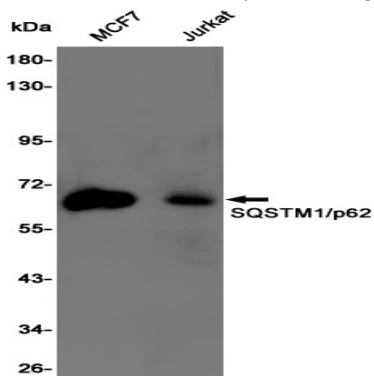
Image Data



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



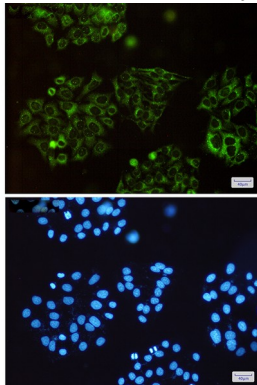
Western blot analysis of SQSTM1/p62 in HeLa lysates using SQSTM1/p62 antibody.



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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).

Note

For research use only.