

Product Name: SQSTM1/p62 Rabbit Monoclonal Antibody**Catalog #: AMRe03796**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 48 kDa; Observed MW: 62 kDa

Antigen Information

Gene Name	SQSTM1
Alternative Names	p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3
Gene ID	8878
SwissProt ID	Q13501
Immunogen	Recombinant protein of human SQSTM1/p62

Background

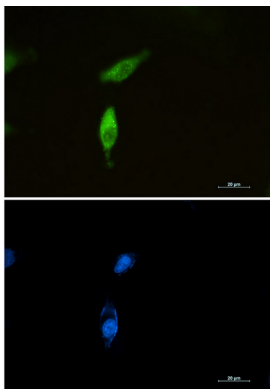
Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family. Required both for the formation and autophagic degradation of polyubiquitin-containing bodies, called ALIS

(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.

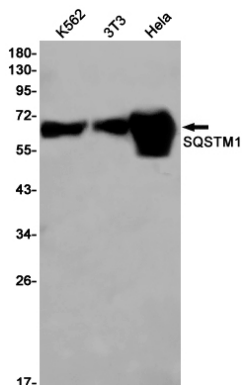
Research Area

Signal Transduction

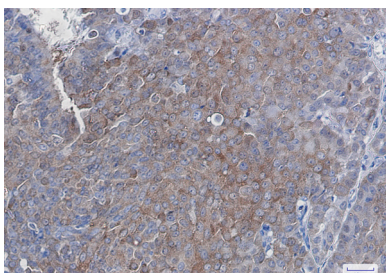
Image Data



Immunocytochemistry analysis of SQSTM1/p62 (green) in U87-MG using SQSTM1/p62 antibody, and DAPI (blue).



Western blot analysis of SQSTM1 in K562, 3T3, HeLa lysates using SQSTM1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using SQSTM1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.