

SQSTM1 Antibody HRP Conjugated

Catalog No: #C04387H

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	SQSTM1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB IHC-F
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic peptide aa 80-130 440 derived from human SQSTM1 Ubiquitin-binding protein p62
Conjugates	HRP
Target Name	SQSTM1
Other Names	p60; p62; A170; OSIL; PDB3; ZIP3; p62B; Sequestosome-1; EBI3-associated protein of 60 kDa; EBIAP; Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa; Ubiquitin-binding protein p62; SQSTM1; ORCA
Accession No.	Swiss-Prot#Q13501NCBI Gene ID8878
Uniprot	Q13501
GeneID	8878;
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

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. May play a role in titin TTN downstream signaling in muscle cells. May regulate signaling cascades through ubiquitination. Adapter that mediates the interaction between TRAF6 and CYLD (By similarity). May be involved in cell differentiation, apoptosis, immune response and regulation of K(+) channels.

Note: This product is for in vitro research use only