

Anti-SQSTM1/p62 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

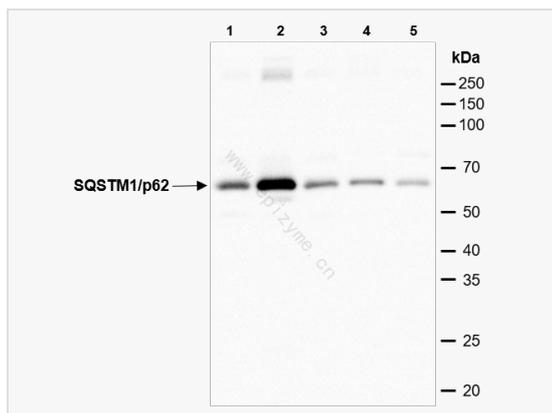
Catalog # R013790

Product Information

Application	ELISA, WB, IHC-P/IF (Tissue-P)
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	53N86E71
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SQSTM1/p62
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
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 Rabbit mAb [53N86E71] 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, SQSTM_HUMAN, Sequestosome-1, ORCA, EBI3-associated protein of 60 kDa (EBIAP, p60), Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa, Ubiquitin-binding protein p62.
Calculated MW	Calculated MW: 62 kDa; Observed MW: 62 kDa
Uniprot ID	Q13501, Q64337, O08623
Gene ID	8878, 18412, 113894
Background	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- κ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- κ B in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone. [provided by RefSeq, Mar 2009]



Western Blot - Anti-SQSTM1/p62 Rabbit mAb [53N86E71]

All lanes: R013790 at 1:1,000 dilution

Lane 1: HCT116 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 2: T24 (human bladder cancer epithelial cell) whole cell lysates

Lane 3: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 4: SCC-9 (human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 5: U2OS (human osteosarcoma epithelial cell) whole cell lysates

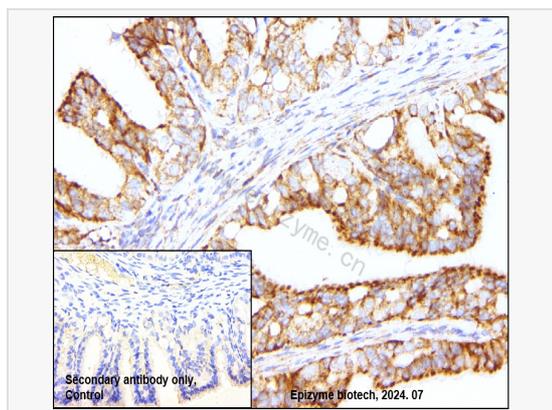
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 62 kDa

Observed band size: 62 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-SQSTM1/p62 Rabbit mAb [53N86E71]

Sample: Paraformaldehyde-fixed, paraffin embedded rat ovary tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013790 at 1:200 dilution

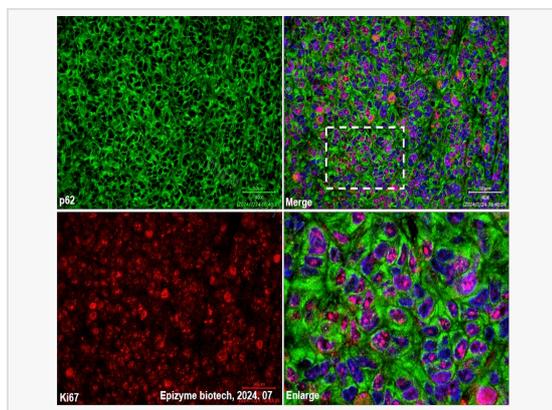
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-SQSTM1/p62 Rabbit mAb [53N86E71]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse subcutaneous tumor tissue

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013790 at 1:100 dilution and Anti-Ki67 Mouse mAb at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and

Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).