

Product Datasheet

p62/SQSTM1 Antibody

Catalog No: CY5546

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



Information

UniProt ID: Q13501

All Names: OSIL; Oxidative stress induced like; p60; p62; p62B; Paget disease of bone 3;PDB 3; PDB3;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 62 kDa

Application

WB 1:5000~1:10000

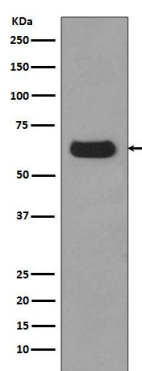
ICC/IF 1:50~1:200

IP 1:50

FC 1:50

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 NFκB1 by TNF-α, 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.



Western blot analysis of p62/SQSTM1 expression in SKBR-3 cell lysate.

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