SQSTM1 polyclonal antibody

Catalog # PAB14333 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SQSTM1.
Immunogen	A synthetic peptide (conjugated with blue carrier protein) corresponding to amino acids 424-436 of human SQSTM1.
Sequence	IGAALDTIQYSKH
Host	Rabbit
Reactivity	Bovine, Human, Mouse, Rat
Specificity	The specificity was confirmed by immunohistochemical analysis on paraffin embedded human brain.
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — SQSTM1

Entrez GeneID	8878
Gene Name	SQSTM1

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Gene Alias	A170, OSIL, PDB3, ZIP3, p60, p62, p62B
Gene Description	sequestosome 1
Omim ID	601530 602080
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuc lear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor pro tein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB in response t o upstream signals. Alternatively spliced transcript variants encoding either the same or different i soforms have been identified for this gene. Mutations in this gene result in sporadic and familial P aget disease of bone. [provided by RefSeq
Other Designations	EBI3-associated protein p60|Paget disease of bone 3|oxidative stress induced like|phosphotyros ine independent ligand for the Lck SH2 domain p62|ubiquitin-binding protein p62

Publication Reference

- Dexmedetomidine alleviates CoCl2-induced hypoxic cellular damage in INS-1 cells by regulating autophagy.

  Jin Ha Park, Ju Eun Oh, Namo Kim, Young-Lan Kwak

  Korean J Anesthesiol 2024 12; 77(6):623-634.

Disease

- Genetic Predisposition to Disease
- Multiple System Atrophy
- Osteitis Deformans
- Tobacco Use Disorder

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