

Sequestosome 1 Phospho-Ser403 (SQSTM1 pS403) Antibody

Catalogue No.: abx032211



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.

Target:	Sequestosome 1 Phospho-Ser403 (SQSTM1 pS403)
Clonality:	Polyclonal
Target Modification:	Ser403
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, DB
Host:	Rabbit
Recommended dilutions:	DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S403 of human SQSTM1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.

Datasheet

Version: 4.0.0
Revision date: 02 Sep 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q13501 ([UniProt](#), [ExPASy](#))

Gene Symbol: SQSTM1

GeneID: [8878](#)

OMIM: [167250](#)

HGNC: 11280

KEGG: hsa:8878

Ensembl: ENSG00000161011

String: [9606.ENSP00000374455](#)

Molecular Weight: Calculated MW: 47.7 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse and Rat SQSTM1.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.