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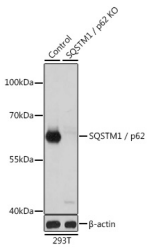
(KO Validated) SQSTM1 / p62 Polyclonal Antibody

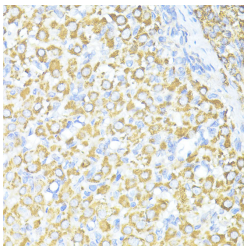
Catalog No.	E-AB-63539	**Reactivity**	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

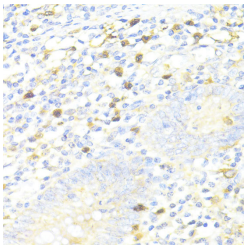
Images



Western blot analysis of extracts from normal (control) and SQSTM1 / p62 knockout (KO) 293T cells using SQSTM1 / p62 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat ovary using SQSTM1 / p62 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human appendix using SQSTM1 / p62 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunogen Information

Immunogen	Recombinant fusion protein of human SQSTM1 / p62 (NP_001135770.1).
GeneID	8878
Swissprot	Q13501
Synonyms	SQSTM1,A170,DMRV,FTDALS3,NADGP,OSIL,PDB3,ZIP3,p60,p62,p62B

Product Information

Calculated MW	38kDa/47kDa
Observed MW	62kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IHC 1:50-1:100 IF 1:50-1:100

Background

This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB 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.