Anti-SQSTM1 Antibody

Alternative Names: Sequestosome-1, A170, DMRV, FTDALS3, NADGP, OSIL, p60, p62, p62B, PDB3, ZIP3, A170, FTDALS3, OSIL, p60, p62, p62B, PDB3, ZIP3, EBI3-associated protein of 60 kDa, EBIAP, Ubiquitin-binding protein p62

Catalogue Number: AB18-10056-100ug

Size: 100 µg

Background Information

Sequestosome-1 (SQSTM1) is an autophagy receptor that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. SQSTM1 functions as a scaffolding/adaptor protein with TNF receptor-associated factor 6 (TRAF6). Mutations in SQSTM1 are also observed in familial ALS cases associated with aberrant TDP-43 inclusions and additionally mutations in SQSTM1 may result in Paget disease of bone. SQSTM1 may also be involved in cell differentiation, apoptosis, immune response and regulation of K+ channels.

Product Information

Antibody Type:	Polyclonal	**Host:**	Rabbit
Isotype:	IgG	**Species Reactivity:**	Human, Mouse, Rat
Immunogen:	Full length recombinant human SQSTM1		
Format:	100 µg in 100 µl PBS containing 0.02% sodium azide.		
Storage Conditions:	6 months: 4˚C. Long-term storage: -20˚C. Avoid multiple freeze and thaw cycles.		
Applications:	WB IHC IF IP WB 1:500-2000. IHC 1:50-200. IF 1:50-200. IP 1:50-100.		

Additional Information

Subcellular location:	Cytoplasm, Cytoplasmic vesicle, Endoplasmic reticulum, Late endosome, Lysosome, Nucleus, P-body, autophagosome	**MW:**	48kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	8878	**Uniprot ID:**	Q13501

References

1. Fecto, F. et al. SQSTM1 mutations in familial and sporadic amyotrophic lateral sclerosis. Arch. Neurol. 68, 1440–1446 (2011).