

Product Datasheet

p62/SQSTM1 Antibody (1C9) - Azide and BSA Free H00008878-M03

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00008878-M03

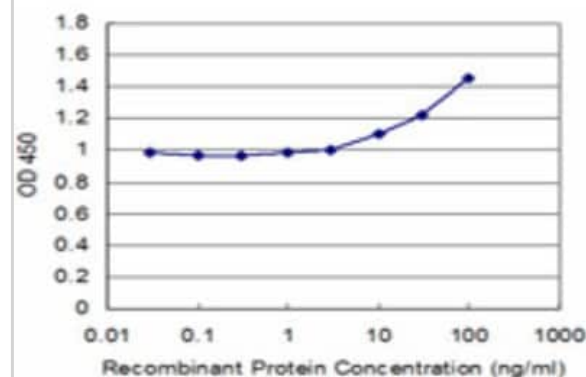
p62/SQSTM1 Antibody (1C9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1C9
Preservative	No Preservative
Isotype	IgG3 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Target Molecular Weight	47.7 kDa
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	8878
Gene Symbol	SQSTM1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26692334).
Immunogen	SQSTM1 (AAH03139.1, 1 a.a. ~ 440 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MASLTVKAYLLGKEDAAREIRRFSCCSPEPEAEAEAAAGPGPCERLLSRVAAL FPALRPGGFQAHYRDEDGDLVAFSSDEELTMAMSYVKDDIFRIYIKEKKECRRD HRPPCAQEAPRNMVHPNVICDGCNGPVVGTRYKCSVCPDYDLCSVCEGKGL HRGHTKLAFSPFGHLSEGFHSRWLRKVKHGHFGWPGWEMGPPGNWSPR PPRAGEARPGPTAESASGPSEDPSVNFLKNVGESVAAALSPLGIEVDIDVEHG GKRSRLTPVSPESSSTEEKSSSQPSSCCSDPSKPGGNVEGATQSLAEQMRKI ALESEGRPEEQMESDNCSGGDDDWTHLSSKEVDPSTGELQSLQMPESGPS SLDPSQEGPTGLKEAALYPHLPPEADPRLIESLSQMLSMGFSDEGGWLTRLLQ TKNYDIGAALDTIQYSKHPPPL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. IHC-Fr usage reported in scientific literature (PMID: 26692334).



Images

ELISA: p62/SQSTM1 Antibody (1C9) [H00008878-M03] - Detection limit for recombinant GST tagged SQSTM1 is approximately 3ng/ml as a capture antibody.



Publications

Sara S, Zeyuan Z, Qingwen Q et al. ADH5-mediated NO bioactivity maintains metabolic homeostasis in brown adipose tissue. *Cell Rep.* 2021-11-16 [PMID: 34788615]

Cosse JP, Rommelaere G, Ninane N et al. BNIP3 protects HepG2 cells against EPE-induced cell death under hypoxia by an autophagy-independent pathway *Biochem Pharmacol* 2010-07-15 [PMID: 20637734]

Liu HJ, Jiang XX, Guo YZ et al. The flavonoid TL-2-8 induces cell death and immature mitophagy in breast cancer cells via abrogating the function of the AHA1/Hsp90 complex. *Acta Pharmacol Sin* 2017-05-01 [PMID: 28504248]

Diamanti MA, Gupta J, Bennecke M et al. IKKalpha controls ATG16L1 degradation to prevent ER stress during inflammation. *J Exp Med* 2017-02-01 [PMID: 28082356]

Leclere L, Fransolet M, Cote F et al. Heat-modified citrus pectin induces apoptosis-like cell death and autophagy in HepG2 and A549 cancer cells. *PLoS One* 2015-01-01 [PMID: 25794149] (WB, Human)

Myeku N, Clelland CL, Emrani S et al. Tau-driven 26S proteasome impairment and cognitive dysfunction can be prevented early in disease by activating cAMP-PKA signaling. *Nat. Med.* 2016-01-01 [PMID: 26692334] (WB, IHC-Fr, Mouse)

Notte A, Ninane N, Arnould T, Michiels C. Hypoxia counteracts taxol-induced apoptosis in MDA-MB-231 breast cancer cells: role of autophagy and JNK activation. *Cell Death Dis.* 2013-01-01 [PMID: 23681233] (WB, Human)

Kirkin V, Lamark T, Sou YS et al. A Role for NBR1 in Autophagosomal Degradation of Ubiquitinated Substrates. *Mol Cell* 33(4):505-16. 2009-02-27 [PMID: 19250911]



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Products Related to H00008878-M03

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP1-44490	Recombinant Human p62/SQSTM1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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