

Product Datasheet

TFEB Antibody NBP1-67872-50ul

Unit Size: 50 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-67872-50ul

TFEB Antibody

Product Information	
Unit Size	50 ul
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (without Mg ²⁺ and Ca ²⁺ , pH 7.4), 0.15M NaCl and 50% Glycerol
Target Molecular Weight	52 kDa

Product Description	
Host	Rabbit
Gene ID	7942
Gene Symbol	TFEB
Species	Human, Mouse
Specificity/Sensitivity	TFEB Antibody detects endogenous levels of total TFEB protein.
Immunogen	The antiserum was produced against synthesized peptide derived from human TFEB. The immunogen region is: N-terminal.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:20000, Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100

Publications

Morishige JI, Yoshioka K, Nakata H et al. Sphingosine Kinase 1 is Involved in Triglyceride Breakdown by Maintaining Lysosomal Integrity in Brown Adipocytes Journal of lipid research 2023-09-24 [PMID: 37751791] (IHC, Mouse)

Fernandez-Mosquera L, Diogo CV, Yambire KF et al. Acute and chronic mitochondrial respiratory chain deficiency differentially regulate lysosomal biogenesis. Sci Rep. 2017-03-27 [PMID: 28345620] (WB, Human)

Siddiqui A, Bhaumik D, Chinta SJ et al. Mitochondrial Quality Control via the PGC1 α -TFEB Signaling Pathway Is Compromised by Parkin Q311X Mutation But Independently Restored by Rapamycin. J. Neurosci. 2015-09-16 [PMID: 26377470] (ICC/IF, Mouse)

Shibuya Y, Chang Cc, Huang Lh et al. Inhibiting ACAT1/SOAT1 in Microglia Stimulates Autophagy-Mediated Lysosomal Proteolysis and Increases AB1-42 Clearance. J. neurosci. 2014-10-22 [PMID: 25339759]

Lee H, Lee Jk, Park Mh et al. Pathological roles of the VEGF/SphK pathway in niemann-Pick type C neurons. Nat Commun. 2014-11-24 [PMID: 25417698] (WB)





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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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