

Product Datasheet

TFEB Antibody NB100-93447

Unit Size: 0.1 mg

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

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Publications: 2

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NB100-93447

TFEB Antibody

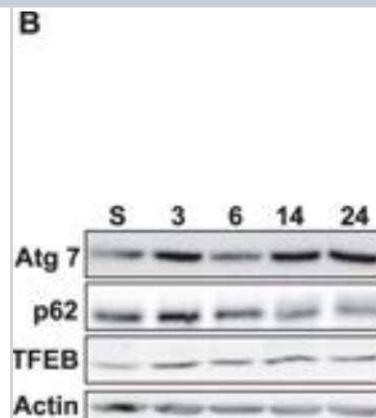
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat TFEB Antibody (NB100-93447) is a polyclonal antibody validated for use in WB and ELISA. Anti-TFEB Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7942
Gene Symbol	TFEB
Species	Human, Rat
Specificity/Sensitivity	This antibody is expected not to cross-react to TFE3 and MITF.
Immunogen	Peptide with sequence C-QKDLQKSRELENH corresponding to internal region according to NP_009093.1.

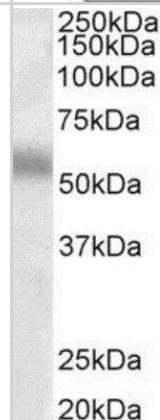
Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:1000
Application Notes	WB: Approx. 55 kDa band observed in human lung lysates (calculated MW of 52.9 kDa band according to NP_009093.1).

Images

Western Blot: TFEB Antibody [NB100-93447] - Representative western blots of Atg7, TFEB and p62 at different times after LPS injection. Image collected and cropped by CiteAb from the following publication ([nature.com/articles/s41598-017-08722-3](https://www.nature.com/articles/s41598-017-08722-3)), licensed under a CC-BY license.



Western Blot: TFEB Antibody [NB100-93447] - (1ug/ml) staining of Human Lung lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Pintado C, Macias S, Dominguez-Martin H et al. Neuroinflammation alters cellular proteostasis by producing endoplasmic reticulum stress, autophagy activation and disrupting ERAD activation *Sci Rep* 2017-08-14 [PMID: 28808322] (WB, Rat)

Details:

Novus' TFEB antibody was used to show that injection of LPS into a rat hippocampus to induce autophagy resulted in increased levels of master transcription factor EB.

Davis IJ, Kim JJ, Ozsolak F et al. Oncogenic MITF dysregulation in clear cell sarcoma: defining the MiT family of human cancers. *Cancer Cell* 2006-06-01 [PMID: 16766266]



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Products Related to NB100-93447

NBL1-16838	TFEB Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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