

# Product Datasheet

## TMEM97 Antibody - BSA Free NBP1-30437

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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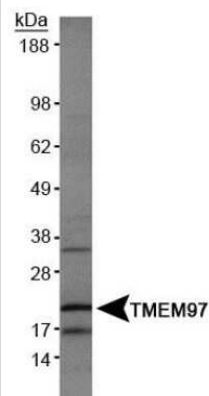
**NBP1-30437**

TMEM97 Antibody - BSA Free

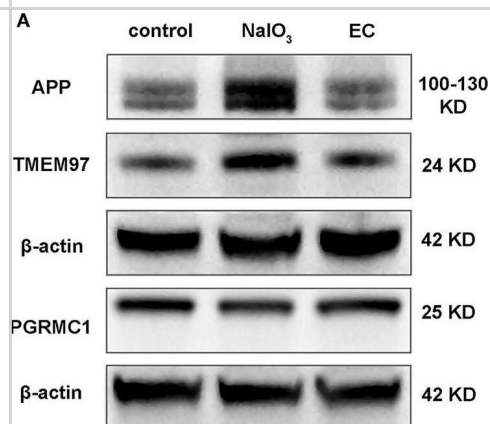
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	24 kDa
Product Description	
Description	Novus Biologicals Rabbit TMEM97 Antibody - BSA Free (NBP1-30437) is a polyclonal antibody validated for use in WB. Anti-TMEM97 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	27346
Gene Symbol	TMEM97
Species	Mouse
Immunogen	Synthetic peptide made to an internal portion of the mouse TMEM97 protein (within residues 20-100. [Swiss-Prot# Q8VD00])
Product Application Details	
Applications	Western Blot, ICC/IF (Negative)
Recommended Dilutions	Western Blot 2 ug/ml, ICC/IF (Negative)
Application Notes	This TMEM97 antibody is useful for Western blot where a band is seen ~24 kDa. It is not recommended for ICC/IF.

## Images

Western Blot: TMEM97 Antibody [NBP1-30437] - Analysis of TMEM97 in NIH/3T3 using NBP1-30437.



Role of EC on the expression of APP, TMEM97, PGRMC1, and A $\beta$  in retina treated with NaIO<sub>3</sub>. (A–D) Representative Western blot images and quantitative analysis of APP, TMEM97, and PGRMC1 levels. (E) Representative immunofluorescence images show sub-RPE A $\beta$  accumulation in the three groups. (F) Quantification of A $\beta$  fluorescence intensity in the RPE and sub-RPE layer. A $\beta$  (red), DAPI (blue). White arrows indicate sub-RPE A $\beta$  deposits. INL, inner nuclear layer; ONL, outer nuclear layer; RPE, retinal pigment epithelium. Values are presented as mean with SEM; n = 3 or 4. \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35833100>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Peng M, Zhou X, Yao F et al. (-)-Epicatechin Provides Neuroprotection in Sodium Iodate-Induced Retinal Degeneration *Frontiers in Medicine* 2022-06-27 [PMID: 35833100] (Western Blot, Block/Neutralize)

Fliesler SJ, Skelton LA, Rao SR TMEM97 localization in the adult mouse retina *Investigative Ophthalmology & Visual Science* 2022-01-01 (IF/IHC, Mouse)



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### **Products Related to NBP1-30437**

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NBP1-30437PEP	TMEM97 Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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