

# Product Datasheet

## BNIP3 Antibody (EPR4034)

### NBP1-95586

Unit Size: 0.1 ml

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

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**NBP1-95586**

BNIP3 Antibody (EPR4034)

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	EPR4034
Preservative	0.01% Sodium Azide
Purity	Protein A purified
Buffer	49% PBS (pH 7.2), 0.05% BSA and 50% Glycerol

Product Description	
Host	Rabbit
Gene ID	664
Gene Symbol	BNIP3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to residues in human NIP3 / BNIP3 was used as an immunogen.
Notes	Produced using Abcam's RabMab® technology. RabMab® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100-250, Immunohistochemistry-Paraffin 1:50-100

**Publications**

LaRocca TJ, Hearon CM, Henson GD, Seals DR. Mitochondrial quality control and age-associated arterial stiffening. Exp. Gerontol. 2014-07-14 [PMID: 25034910] (WB, Mouse)

## Details:

BNIP3 antibody used for WB (at 1:1000 dilution) in excised and cleaned thoracic aortas of male C57BL6 mice (young vs old) treated or not with trehalose. BNIP3 studied as mitochondrial quality control - mitophagy mediator and WB image shown in Fig 1A.





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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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