

# Product Datasheet

## APOO Antibody (2F1) - BSA Free NBP1-28870

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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**NBP1-28870**

APOO Antibody (2F1) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2F1
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Target Molecular Weight</b>	22.2 kDa

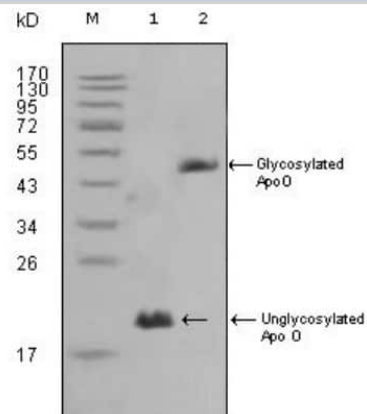
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	79135
<b>Gene Symbol</b>	APOO
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Specificity/Sensitivity</b>	Specific for ApoO.
<b>Immunogen</b>	Purified recombinant fragment of APOO expressed in E. Coli.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:200-1:1000

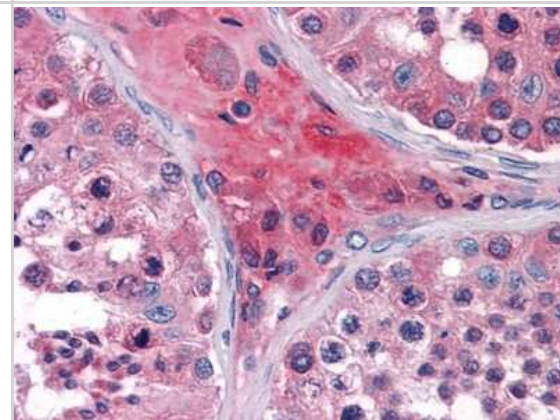


## Images

Western Blot: APOO Antibody (2F1) [NBP1-28870] - Analysis using ApoO mouse mAb against HepG2 (1) and 3T3L1(2) cell lysate.



Immunohistochemistry-Paraffin: APOO Antibody (2F1) [NBP1-28870] - Analysis of human Testis tissues using ApoO mouse mAb.



## Publications

Liu T, Woo JA, Bukhari MZ et al. CHCHD10-regulated OPA1-mitofilin complex mediates TDP-43-induced mitochondrial phenotypes associated with frontotemporal dementia FASEB J. 2020-05-05 [PMID: 32369233] (Mouse)

Guarani V, Jardel C, Chretien D et al. QIL1 mutation causes MICOS disassembly and early onset fatal mitochondrial encephalopathy with liver disease Elife 2016-09-14 [PMID: 27623147] (WB, Human)

Guarani V, McNeill EM, Paulo JA et al. QIL1 is a novel mitochondrial protein required for MICOS complex stability and cristae morphology. Elife. 2015-05-22 [PMID: 25997101] (Human)



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### **Products Related to NBP1-28870**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-84746PEP	APOO Recombinant Protein Antigen

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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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