

# Product Datasheet

## Apolipoprotein A-IV/ApoA4 Antibody NBP1-06019

Unit Size: 0.1 mg

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

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**NBP1-06019**

## Apolipoprotein A-IV/ApoA4 Antibody

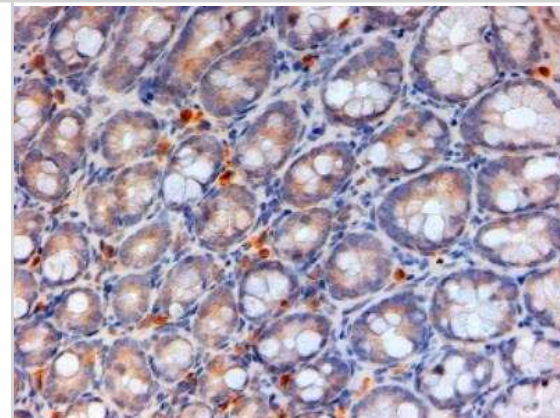
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	337
Gene Symbol	APOA4
Species	Mouse
Immunogen	Peptide with sequence C-QETERVKEEIKKELED corresponding to internal region according to NP_031494.2.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments in mouse and rat liver lysates gave no specific signal but low background. IHC-P: Mouse colon shows staining of cells between the villi, consistent with the observations with the related NB100-57089.

**Images**

Immunohistochemistry-Paraffin: Apolipoprotein A-IV/ApoA4 Antibody [NBP1-06019] - Staining of Mouse Colon. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

**Publications**

Reglodi D, Jungling A, Longuespee R et al. Accelerated pre-senile systemic amyloidosis in PACAP knockout mice - a protective role of PACAP in age-related degenerative processes J. Pathol. 2018-05-17 [PMID: 29774542] (IF/IHC, Mouse)

Orso E, Moehle C, Boettcher A et al. The satiety factor apolipoprotein A-IV modulates intestinal epithelial permeability through its interaction with alpha-catenin: implications for inflammatory bowel diseases. Horm Metab Res 2007-08-01 [PMID: 17712726]



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### Products Related to NBP1-06019

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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
NBP2-52931PEP	Apolipoprotein A-IV/ApoA4 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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