

# 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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### Publications: 2

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

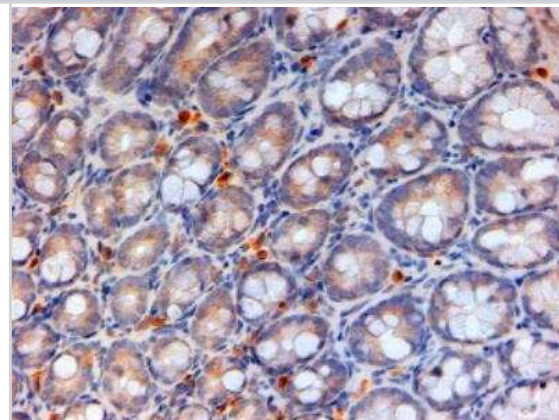
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris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

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Apolipoprotein A-IV/ApoA4 Antibody (NBP1-06019) is a polyclonal antibody validated for use in IHC and ELISA. Anti-Apolipoprotein A-IV/ApoA4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	337
<b>Gene Symbol</b>	APOA4
<b>Species</b>	Mouse
<b>Immunogen</b>	Peptide with sequence C-QETERVKKEIKKELED corresponding to internal region according to NP_031494.2.

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	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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