

# Product Datasheet

## FFAR1/GPR40 Antibody NBP1-00860

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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**NBP1-00860**

FFAR1/GPR40 Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Target Molecular Weight</b>	26 kDa

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2864
<b>Gene Symbol</b>	FFAR1
<b>Species</b>	Human, Mouse, Rat, Monkey
<b>Immunogen</b>	Synthetic peptide, corresponding to amino acids 201-250 of Human GPR40.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:50-1:200

**Publications**

Lin C, Chao H, Li Z et al. Omega-3 fatty acids regulate NLRP3 inflammasome activation and prevent behavior deficits after traumatic brain injury *Exp Neurol*. 2017-04-01 [PMID: 28077338] (WB, Rat, Human)

Wang X, England A, Sinclair C et al. Trans-11 vaccenic acid improves glucose homeostasis in a model of type 2 diabetes by promoting insulin secretion via GPR40 *Journal of Functional Foods* 2019-09-01 (WB, Rat, Human)





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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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