# **Product Datasheet**

# GPR81 Antibody NBP1-51956

Unit Size: 0.1 mg

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

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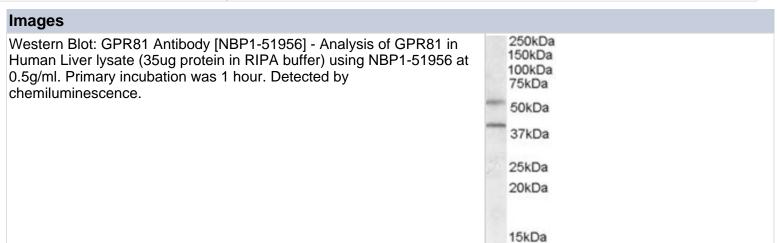


### NBP1-51956

GPR81 Antibody

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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
<b>Product Description</b>	
Host	Goat
Gene ID	27198
Gene Symbol	HCAR1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:30926749).
Immunogen	Peptide with sequence C-QQLARQARMKKATR corresponding to internal region according to NP_115943.1.
<b>Product Application Details</b>	
Applications	Western Blot, Peptide ELISA
Decemberded Dilutions	Western Diet 0.2. 4 un/ml. Dentide ELICA Detection limit 4,0000

<b>Product Application Details</b>	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 40 kDa band observed in human liver lysates (calculated MW of 39.3 kDa band according to NP_115943.1). An additional band of unknown identity was also consistently observed at 55 kDa. This band was successfully blocked by incubation with the immunizing peptide.



### **Publications**

de Castro Abrantes H, Briquet M, Schmuziger C, et al. The Lactate Receptor HCAR1 Modulates Neuronal Network Activity through the Activation of G alpha and G beta gamma Subunits J. Neurosci. 2019-06-05 [PMID: 30926749] (WB, Mouse)

Cai TQ, Ren N, Jin L et al. Role of GPR81 in lactate-mediated reduction of adipose lipolysis. Biochem Biophys Res Commun 2008-12-19 [PMID: 18952058]





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### **Products Related to NBP1-51956**

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

M6000B-1 IL-6 [HRP]

#### 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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