

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

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	27198
Gene Symbol	HCAR1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:30926749).
Immunogen	Peptide with sequence C-QLLARQARMKKATR corresponding to internal region according to NP_115943.1.

Product Application Details	
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.

Images

Western Blot: GPR81 Antibody [NBP1-51956] - Analysis of GPR81 in Human Liver lysate (35ug protein in RIPA buffer) using NBP1-51956 at 0.5g/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

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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