

Product Datasheet

GPR3 Antibody NBP1-00196

Unit Size: 0.1 mg

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

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Updated 10/23/2024 v.20.1

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NBP1-00196**GPR3 Antibody**

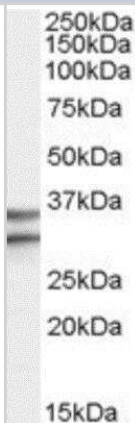
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2827
Gene Symbol	GPR3
Species	Human
Specificity/Sensitivity	This antibody is not expected to cross-react with GPR6 and GPR12.
Immunogen	Peptide with sequence C-LQRHLLPASH corresponding to internal region according to NP_005272.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 35 kDa band observed in human brain (hippocampus and frontal cortex) lysates (calculated MW of 35.0 kDa band according to NP_005272.1). An additional band of unknown identity was also consistently observed at 30 kDa. This band was successfully blocked by incubation with the immunizing peptide.

Images

Western Blot: GPR3 Antibody [NBP1-00196] - (0.3ug/ml) staining of Human Brain (Frontal Cortex) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

Publications

Tanaka S, Ishii K, Kasai K et al. Neural expression of G protein-coupled receptors GPR3, GPR6, and GPR12 up-regulates cyclic AMP levels and promotes neurite outgrowth. J Biol Chem 2007-04-01 [PMID: 17284443]



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Products Related to NBP1-00196

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
H00008720-Q01-10ug	Recombinant Human MBTPS1 GST (N-Term) Protein

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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