

Product Datasheet

GABA-AR alpha 4 Antibody

NBP1-18844

Unit Size: 0.1 mg

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

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NBP1-18844

GABA-AR alpha 4 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	
Description	Novus Biologicals Goat GABA-AR alpha 4 Antibody (NBP1-18844) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-GABA-AR alpha 4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2557
Gene Symbol	GABRA4
Species	Human
Immunogen	Peptide with sequence C-EKAKRKTSKPPQE corresponding to internal region according to NP_000800.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 70 kDa band observed in human brain (cerebellum and frontal cortex) lysates (calculated MW of 61.6 kDa band according to NP_000800.2). IHC-P: Human cortex shows patchy staining near or at the neuronal cell membrane.

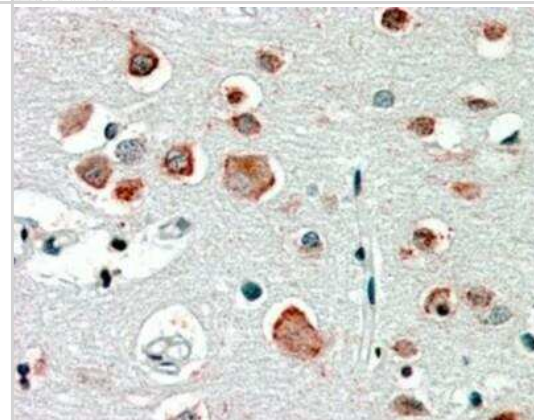


Images

Western Blot: GABA-A R alpha 4 Antibody [NBP1-18844] - Analysis of GABA A Receptor alpha 4 in Human Frontal Cortex lysate (35ug protein in RIPA buffer) using this antibody at 0.1 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: GABA-A R alpha 4 Antibody [NBP1-18844] - (2.5ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Ma DQ, Whitehead PL, Menold MM et al. Identification of significant association and gene-gene interaction of GABA receptor subunit genes in autism. *Am J Hum Genet* 2005-09-01 [PMID: 16080114]



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Products Related to NBP1-18844

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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