

# Product Datasheet

## GABA-AR alpha 4 Antibody - Azide Free NB300-193

Unit Size: 0.1 ml

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

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**NB300-193****GABA-AR alpha 4 Antibody - Azide Free****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	64 kDa

**Product Description**

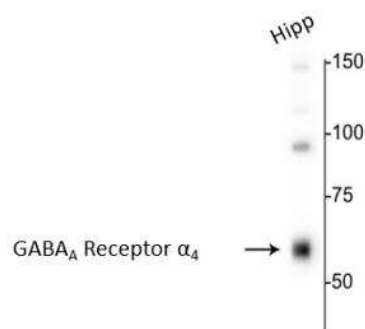
<b>Host</b>	Rabbit
<b>Gene ID</b>	2557
<b>Gene Symbol</b>	GABRA4
<b>Species</b>	Mouse, Rat
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~ 64 kDa alpha 4-subunit of the GABAA receptor.
<b>Immunogen</b>	Fusion protein from the cytoplasmic loop of the alpha 4 subunit. Accession # P28471

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:300
<b>Application Notes</b>	NB300-193 may be used for Western blot analysis where a band is seen around 64 kDa.

**Images**

Western Blot: GABA-A R alpha 4 Antibody [NB300-193] - Rat hippocampal (Hipp) lysate showing specific immunolabeling of the ~64k  $\alpha$ 4-subunit of the GABA-A R.



## Publications

Werner DF. Elucidating the Role of Alpha1-containing GABA(A) Receptors in Ethanol Action PhD Thesis University of Pittsburgh (ISBN 0549455426, 9780549455424). 2007-01-01 (WB, Mouse)

Marutha Ravindran CR, Mehta AK, Ticku MK. Effect of chronic administration of ethanol on the regulation of tyrosine kinase phosphorylation of the GABAA receptor subunits in the rat brain. Neurochem Res 2007-07-01 [PMID: 17404840] (WB, Rat)





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### **Products Related to NB300-193**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DBD00	BDNF [HRP]

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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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