

# Product Datasheet

## GABA-A R beta 1 Antibody - Azide Free NB300-197

Unit Size: 0.1 ml

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

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### Publications: 1

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**NB300-197**

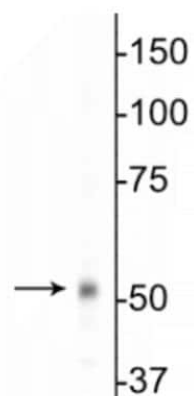
GABA-A R beta 1 Antibody - Azide Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	55 kDa
Product Description	
Host	Rabbit
Gene ID	2560
Gene Symbol	GABRB1
Species	Mouse, Rat
Reactivity Notes	It is anticipated that the antibody will react with bovine, canine, chicken, human, mouse, non-human primate, Xenopus, and zebra fish based on the fact that these species have 100% homology with the amino acid sequence used as antigen.
Specificity/Sensitivity	Specific for the ~55 kDa beta 1-subunit of the GABA A receptor in Western blots.
Immunogen	Fusion protein from the cytoplasmic loop of the beta 1 subunit. Accession # P15431
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	This antibody is useful in Immunohistochemistry (PMID: 21628464). Use in Immunohistochemistry-Frozen reported in scientific literature (PMID 21628464)

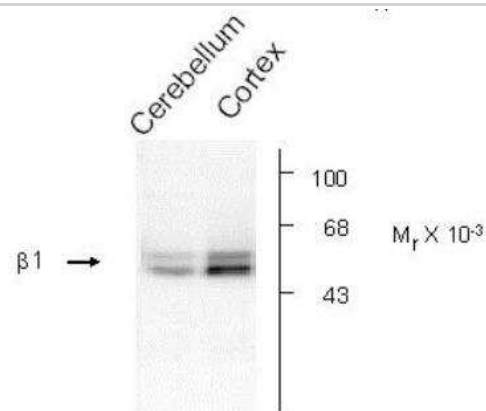


## Images

Western Blot: GABA-A R beta 1 Antibody [NB300-197] - Mouse whole brain lysates showing specific immunolabeling of the ~55 kDa beta1-subunit of the GABAA-R.



Western Blot: GABA-A R beta 1 Antibody [NB300-197] - Rat cerebellar (Cb) and hippocampal (Hipp) lysates showing specific immunolabeling of the ~55k beta 1-subunit of the GABA-A R beta 1 Antibody.



## Publications

Gutierrez DV, Mark MD, Massek O et al. Optogenetic control of motor coordination by Gi/o protein-coupled vertebrate rhodopsin in cerebellar Purkinje cells. J Biol Chem. 2011-07-01 [PMID: 21628464] (IHC-Fr, Mouse)



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### **Products Related to NB300-197**

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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
H00002560-Q01-10ug	Recombinant Human GABA-A R beta 1 GST (N-Term) Protein

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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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