

# Product Datasheet

## GABA-A R beta 3 Antibody

### NBP1-06988

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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**NBP1-06988****GABA-A R beta 3 Antibody****Product Information**

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

**Product Description**

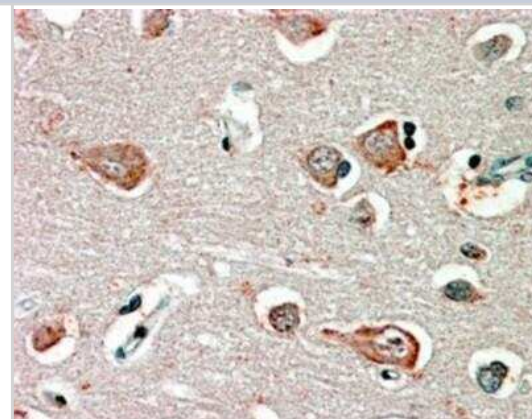
<b>Host</b>	Goat
<b>Gene ID</b>	2562
<b>Gene Symbol</b>	GABRB3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_000805.1, NP_068712.1).
<b>Immunogen</b>	Peptide with sequence C-EKTAKAKNDRSK corresponding to internal region according to NP_068712.1.

**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:8000
<b>Application Notes</b>	WB: Preliminary experiments in human brain (cerebral cortex, frontal cortex and cerebellum) lysates gave no specific signal but low background. IHC-P: Human cortex shows patchy staining near or at the neuronal cell membrane.

**Images**

Immunohistochemistry-Paraffin: GABA-A R beta 3 Antibody [NBP1-06988] - (2.5ug/ml) staining of Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

**Publications**

Tanaka M, Olsen RW, Medina MT et al. Hyperglycosylation and reduced GABA currents of mutated GABRB3 polypeptide in remitting childhood absence epilepsy. Am J Hum Genet 2008-06-01 [PMID: 18514161]



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### **Products Related to NBP1-06988**

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NBL1-10922	GABA-A R beta 3 Overexpression Lysate
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

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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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