

# Product Datasheet

## GABA-A R beta 2 Antibody

### NBP1-36958

Unit Size: 0.1 mg

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

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**NBP1-36958****GABA-A R beta 2 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>	2561
<b>Gene Symbol</b>	GABRB2
<b>Species</b>	Human, Mouse, Rat, Bovine, Canine
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_068711.1; NP_000804.1).
<b>Immunogen</b>	Peptide with sequence C-HSFGRNALERHVAQ corresponding to internal region according to NP_000804.1.
<b>Notes</b>	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at <a href="mailto:innovators@novusbio.com">innovators@novusbio.com</a> for more details.

**Product Application Details**

<b>Applications</b>	Peptide ELISA
<b>Recommended Dilutions</b>	Peptide ELISA Detection limit 1:4000
<b>Application Notes</b>	WB: Preliminary experiments gave an approx. 80 kDa band in mouse brain lysates after 0.2 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 59.2 kDa band according to human NP_068711.1 and 54.6 kDa band according to mouse NP_032096.1. The 80 kDa band was successfully blocked by incubation with the immunizing peptide.

**Publications**

Lo WS, Lau CF, Xuan Z et al. Association of SNPs and haplotypes in GABAA receptor beta2 gene with schizophrenia. Mol Cell 2004-06-01 [PMID: 14699426]





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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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