



## GABA A Receptor beta 3

## Data Sheet

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<b>Catalog Number:</b>	GT41011	<b>Host:</b>	Goat
<b>Product Type:</b>	Affinity Purified Antibody	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	Synthetic peptide: C-EKTAKAKNDRSK, from the internal region of the protein sequence according to NP_000805.1; NP_068712.1.	<b>Format:</b>	Liquid 0.5 mg/ml. Tris saline, 0.02% sodium azide, pH 7.3, 0.5% BSA
<b>Applications:</b>	Immunohistochemistry-2-4µg/ml.  Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
<b>Storage:</b>	Aliquot and store at -20°C. <i>Avoid repeated freeze-thaw cycles.</i>		
<b>References:</b>	Tanaka M, Olsen RW, Medina MT, Schwartz E, Alonso ME, Duron RM, Castro-Ortega R, Martinez-Juarez IE, Pascual-Castroviejo I, Machado-Salas J, Silva R, Bailey JN, Bai D, Ochoa A, Jara-Prado A, Pineda G, Macdonald RL, Delgado-Escueta AV. Hyperglycosylation and reduced GABA currents of mutated GABRB3 polypeptide in remitting childhood absence epilepsy. <i>Am. J. Hum. Genet.</i> 2008 Jun 82 (6): 1249-61.		

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### Application Notes

#### **Specificity**

This antibody is expected to recognize both reported isoforms (NP\_000805.1, NP\_068712.1).

#### **Immunohistochemistry:**

In paraffin embedded Human Cortex shows patchy staining near or at the neuronal cell membrane using steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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