



Catalog Number:	GT41008	Host:	Goat
Product Type:	Affinity Purified Antibody	Species Reactivity:	Human
Immunogen Sequence:	Synthetic peptide: C-EKAKRKTSPKPPQE, from the internal region of the protein sequence according to NP_000800.2.	Format:	Liquid 0.5 mg/ml. Tris saline, 0.02% sodium azide, pH 7.3, 0.5% BSA
Applications:	Immunohistochemistry-2-4µg/ml. Western Blot-0.1-0.3µg/ml. ELISA Capture-1:16,000.		
	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	Aliquot and store at -20°C. <i>Avoid repeated freeze-thaw cycles.</i>		
References:	Ma DQ, Whitehead PL, Menold MM, Martin ER, Ashley-Koch AE, Mei H, Ritchie MD, DeLong GR, Abramson RK, Wright HH, Cuccaro ML, Hussman JP, Gilbert JR, Pericak-Vance MA. Identification of significant association and gene-gene interaction of GABA receptor subunit genes in autism. <i>Am J Hum Genet.</i> 2005 Sep;77(3):377-88.		

Application Notes

Specificity

This antibody was selected for its ability to recognize human GABA A Receptor alpha 4 antibody in Immunohistochemistry, Western Blots and ELISA.

Immunohistochemistry:

In paraffin embedded Human Cortex shows patchy staining near or at the neuronal cell membrane. Recommended concentration, 2-4µg/ml.

Western Blot

Approx. 70kDa band observed in Human Brain (Cerebellum and Frontal Cortex) lysates (calculated MW of 61.6kDa according to NP_000800.2). Recommended concentration: 0.1-0.3µg/ml.

FOR RESEARCH USE ONLY

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