



Corticotropin Releasing Hormone Receptor 1 Data Sheet

Catalog Number:	GT41006	Host:	Goat
Product Type:	Affinity Purified Antibody	Species Reactivity:	Human, Mouse
Immunogen Sequence:	Synthetic peptide: Peptide with sequence C-NEEKKSKVHYH, from the internal region of the protein sequence according to NP_004373.2.	Format:	Liquid 0.5 mg/ml. Tris saline, 0.02% sodium azide, pH 7.3, 0.5% BSA
Applications:	Immunofluorescence: 2 µg/ml. Western Blot: 0.05-0.2µg/ml. Peptide ELISA: 1:32,000		
	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:	Dempster EL, Burcescu I, Wigg K, Kiss E, Baji I, Gadoros J, Tamás Z, Kennedy JL, Vetró A, Kovacs M, Barr CL. Evidence of an association between the vasopressin V1b receptor gene (AVPR1B) and childhood-onset mood disorders. Arch Gen Psychiatry. 2007 Oct;64(10):1189-95		

Application Notes

Specificity

This antibody is designed to work in the applications listed below.

Immunofluorescence:

This product was successfully used in immunofluorescence on mouse brain at 2µg/ml when incubated at 4°C

Western Blotting:

Approximately 60-70kDa band observed in human brain (cerebellum) and human colon lysates (calculated MW of 47.7kDa according to NP_004373.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Xu et al, Mol Pharmacol. 2001 Mar;59(3):485-92; PMID: 11179443) .

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www.neuromics.com

Neuromics • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics1.com