



## Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com

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### Polyclonal Antibody to Human MCH-R2

#### Chicken Anti Melanin Concentrating Hormone Receptor Type 2

Melanin Concentrating Hormone Receptor type 2 (MCH-R2) is a G-protein coupled seven transmembrane receptor that shares considerable homology with MCH-R1. Like MCH-R1, it binds MCH with high affinity. However, reports indicate that signaling through this receptor is pertussis insensitive, contrary to MCH-R1. The antibody was generated against the intracellular C-terminal sequence of the human receptor (TEKEINNMGNTLKSHF) and was found to react with mouse and rat tissue as well. The staining pattern is extensive throughout the brain, and particularly striking in the ganglionic layer of the cerebellum.

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<b>Product Number:</b>	T-1508
<b>Clone:</b>	Polyclonal antibody
<b>Host species, isotype:</b>	Chicken IgY
<b>Quantity:</b>	200µg
<b>Format:</b>	Affinity purified, liquid
	Supplied as a 0.2ml solution. This stock solution contains 1mg/ml IgY, phosphate buffered saline pH 7.2 (PBS), and 0.1% sodium azide as a preservative.
<b>Stability:</b>	Stock solution or aliquots thereof: 6 months at 4° - 8°C.
<b>Applications:</b>	Tested for immunohistochemistry (IHC).
	<b>Approximate working dilution for IHC:</b>
	Frozen sections: 0.5-1µg/ml (1:1000 - 1:2000)
	Paraffin sections: not tested.
	Optimal dilutions should be determined by the end user.
	Suggested positive control: brain
<b>Immunogen:</b>	Peptide coupled to carrier protein.
<b>Antigen, epitope:</b>	C-terminal Portion of MCH-R2.
<b>Specificity:</b>	Human (mouse, rat).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.