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## **Polyclonal Antibody to Human Fractalkine**

### **Chicken Anti Human Neurotactin**

Fractalkine, or neurotactin, is a chemokine present in endothelial cells from several tissues, including brain, liver, and kidney. A high level of fractalkine has also been described in neurons from different regions of the mouse brain. It is the only member of the CX(3)C class of chemokines. Fractalkine contains a chemokine domain (CDF) attached to a membrane-spanning domain via a mucin-like stalk. However, fractalkine can also be proteolytically cleaved from its membrane-spanning domain to release a freely diffusible form. Fractalkine attracts and immobilizes leukocytes by binding to its receptor, CX(3)CR(1). This antibody was generated against the carboxy-terminal portion of human fractalkine, which is >90% identical with the corresponding mouse and rat sequences.

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<b>Product Number:</b>	T-1510 (Lot 03AP0504)
<b>Clone:</b>	Polyclonal antibody
<b>Host species, isotype:</b>	Chicken IgY
<b>Quantity:</b>	100µg
<b>Format:</b>	Affinity purified against peptide coupled to Sepharose, lyophilized.  Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgY, phosphate buffered saline pH 7.2 (PBS) and 0.01% sodium azide as a preservative.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C
<b>Applications:</b>	Tested for immunohistochemistry (IHC).  <b>Approximate working dilution for IHC:</b> Frozen sections: 1µg/ml (1:200). Lower working concentration combined with longer incubation time (e.g. >2hours at room temperature) and choice of blocking reagent and secondary antibody may improve your results. Paraffin sections: not tested  Optimal dilutions should be determined by the end user. Suggested positive control: Rat brain.  Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic C-terminal peptide coupled to carrier protein.
<b>Antigen, epitope:</b>	Human Fractalkine, C-terminal domain.
<b>Specificity:</b>	Human, cross-reaction with mouse and rat.

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