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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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| Product Number: | T-1510 |
| Clone: | Polyclonal antibody |
| Host species, isotype: | Chicken IgY |
| Quantity: | 100µg |
| Format: | 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. |
| Stability: | Original vial: 1 year at 4° - 8°C |
| Applications: | Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: 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. |
| Immunogen: | Synthetic C-terminal peptide coupled to carrier protein. |
| Antigen, epitope: | Human Fractalkine, C-terminal domain. |
| Specificity: | Human, cross-reaction with mouse and rat. |

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