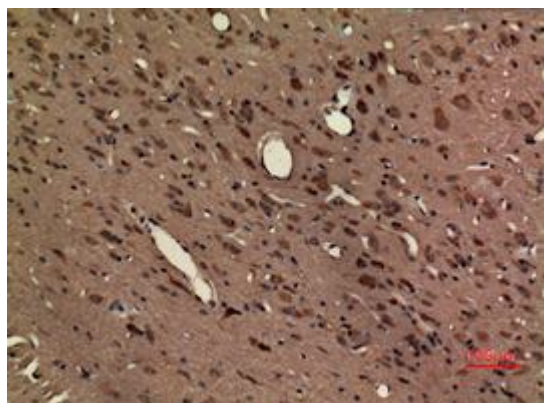
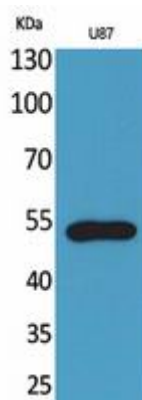


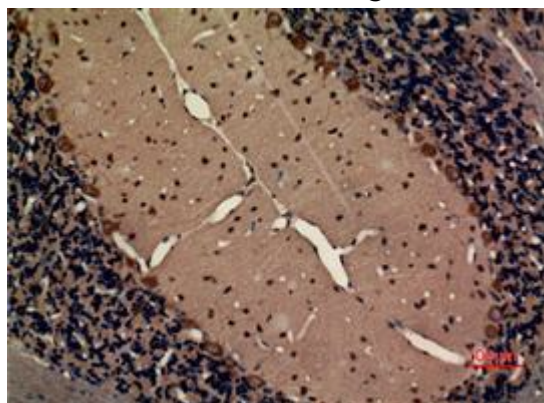
CX3CR1 RABBIT PAB**Cat.#:** N225026**Product Name:** Anti-CX3CR1 Rabbit pAb**Synonyms:** CX3CR1; CMKBRL1; GPR13; CX3C chemokine receptor 1; C-X3-C
CKR-1; CX3CR1; Beta chemokine receptor-like 1; CMK-BRL-1; CMK-BRL1;
Fractalkine receptor; G-protein coupled receptor 13; V28**UNIPROT ID:** P49238**Background:** CX3C motif chemokine receptor 1 (CX3CR1) is known as the fractalkine receptor or G-protein coupled receptor 13 (GPR13). It is a transmembrane protein of the G protein-coupled receptor 1 (GPCR1) family. The receptor binds the inflammatory chemokine CX3CL1 (also called neurotactin in mice or fractalkine in humans). This endogenous ligand solely binds to CX3CR1 receptor. Interaction of CX3CR1 with CX3CL1 can mediate migration, adhesion and retention of leukocytes, because Fractalkine exists as membrane-anchored protein (mCX3CL1) as well as cleaved soluble molecule (sCX3CL1) due to proteolysis by metalloproteinases (MPPs). The shredded form carries out typical function of conventional chemokines, the chemotaxis, while the membrane-bound protein behaves as adhesion molecule for facilitation of diapedesis.**Immunogen:** Synthesized peptide derived from CX3CR1 at AA range: 120-200**Applications:** WB,IHC-P,ELISA**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000**Host Species:** Rabbit**Clonality:** Rabbit Polyclonal**Clone ID:** -**MW:** Calculated MW: 40 kDa; Observed MW: 40 kDa**Isotype:** IgG**Purification:** Affinity Purified**Species Reactivity:** Human,Mouse,Rat**Conjugation:** Unconjugated**Modification:** Unmodified**Constituents:** PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide**Research Areas:** Microbiology**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



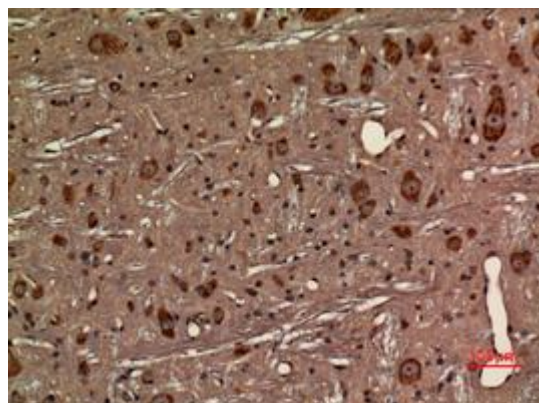
Immunohistochemistry analysis of paraffin-embedded rat brain using Fractalkine Receptor antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Fractalkine Receptor in U87 lysates using Fractalkine Receptor antibody.



Immunohistochemistry analysis of paraffin-embedded rat brain using Fractalkine Receptor antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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