

Product datasheet for **TA321359S**

CXCR3 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 25-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide corresponding to a region derived from 351-364 amino acids of Human chemokine (C-X-C motif) receptor 3 |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 46 kDa |
| Gene Name: | C-X-C motif chemokine receptor 3 |
| Database Link: | NP_001495 Entrez Gene 12766 MouseEntrez Gene 84475 RatEntrez Gene 2833 Human P49682 |

Background: This gene encodes a G protein-coupled receptor with selectivity for three chemokines; termed CXCL9/Mig (monokine induced by interferon-g); CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic; most notably integrin activation; cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine; CXCL4/PF4.



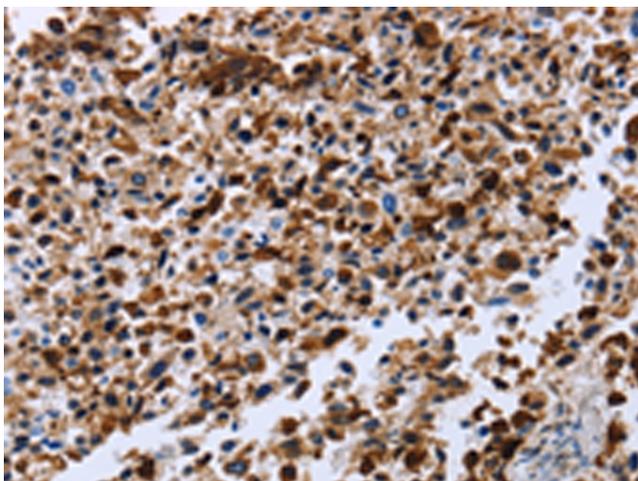
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Synonyms: CD182; CD183; CKR-L2; CMKAR3; GPR9; IP10-R; Mig-R; MigR

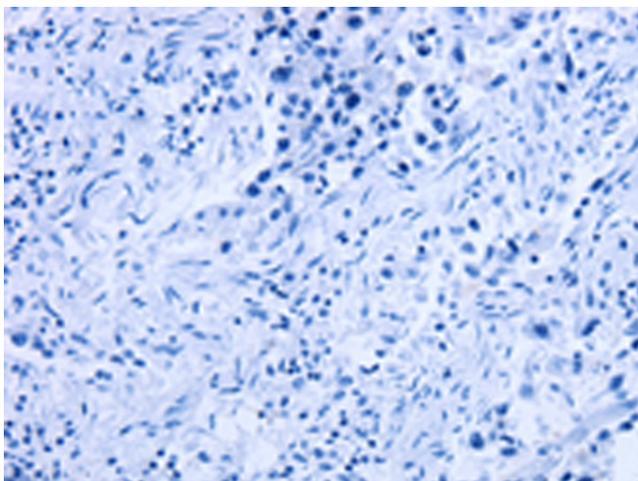
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction

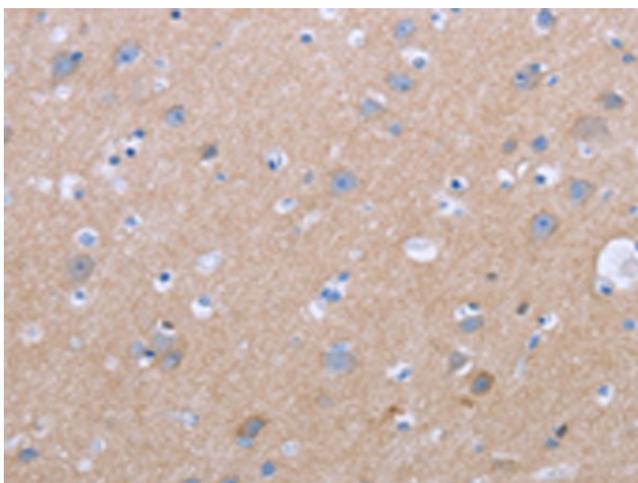
Product images:



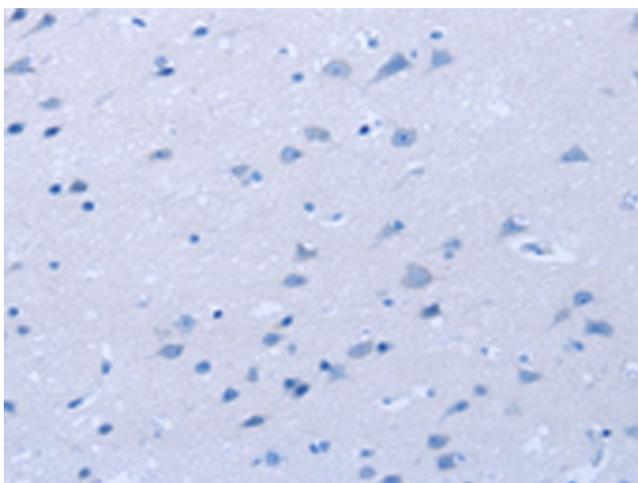
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321359] (CXCR3 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321359] (CXCR3 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA321359] (CXCR3 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA321359] (CXCR3 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)