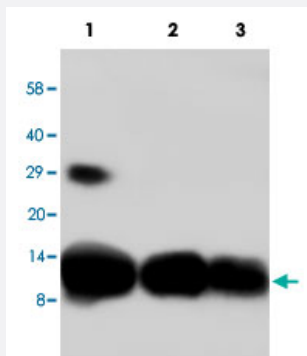


CXCL10 polyclonal antibody

Catalog # PAB19527 Size 100 ug

Applications



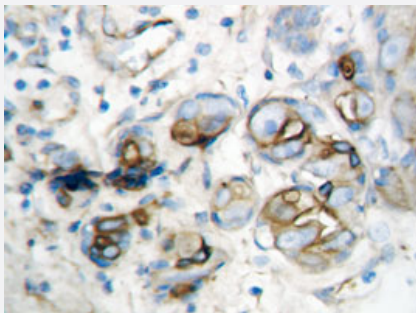
Western Blot (Recombinant protein)

Western blot analysis of recombinant human CXCL10 protein with CXCL10 polyclonal antibody (Cat # PAB19527).

Lane 1, 10 ng.

Lane 2, 5 ng.

Lane 3, 2.5 ng.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human mammary cancer tissue section with CXCL10 polyclonal antibody (Cat # PAB19527).

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of CXCL10.

Immunogen

A synthetic peptide corresponding to amino acids at C-terminus of human CXCL10.

Host

Rabbit

Reactivity

Human

Specificity

It identical to the related mouse and rat sequences.

Form

Lyophilized

Purification	Immunoaffinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis of recombinant human CXCL10 protein with CXCL10 polyclonal antibody (Cat # PAB19527).

Lane 1, 10 ng.

Lane 2, 5 ng.

Lane 3, 2.5 ng.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human mammary cancer tissue section with CXCL10 polyclonal antibody (Cat # PAB19527).

Gene Info — CXCL10

Entrez GeneID	3627
Gene Name	CXCL10
Gene Alias	C7, IFI10, INP10, IP-10, SCYB10, crg-2, gIP-10, mob-1
Gene Description	chemokine (C-X-C motif) ligand 10
Omim ID	147310
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. [provided by RefSeq]

Other Designations

gamma IP10|interferon-inducible cytokine IP-10|protein 10 from interferon (gamma)-induced cell line|small inducible cytokine B10|small inducible cytokine subfamily B (Cys-X-Cys), member 10

Publication Reference

- [Protective Role of Complement C3 Against Cytokine-Mediated \$\beta\$ -Cell Apoptosis.](#)

Dos Santos RS, Marroqui L, Grieco FA, Marselli L, Suleiman M, Henz SR, Marchetti P, Wernersson R, Eizirik DL. Endocrinology 2017 Aug; 158(8):2503.

Application: ELISA, Rat, INS-1E cells

- [Human anaplastic thyroid carcinoma cells are sensitive to NK cell-mediated lysis via ULBP2/5/6 and chemoattract NK cells.](#)

Wennerberg E, Pfefferle A, Ekblad L, Yoshimoto Y, Kremer V, Kaminsky VO, Juhlin CC, Hoog A, Bodin I, Svjatocha V, Larsson C, Zedenius J, Wennerberg J, Lundqvist A.

Clinical Cancer Research 2014 Nov; 20(22):5733.

Application: IHC-P, Human, Thyroid, Anaplastic thyroid carcinoma

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Aspergillosis](#)
- [Carcinoma](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hematologic Neoplasms](#)
- [Hepatitis B](#)
- [HIV Infections](#)
- [Idiopathic Pulmonary Fibrosis](#)
- [Liver Neoplasms](#)
- [Multiple Sclerosis](#)
- [Severe Acute Respiratory Syndrome](#)
- [Tuberculosis](#)