

CXCL14 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55754

Specification

CXCL14 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Physical State

O95715
Rat
Rabbit
Polyclonal
8.5/12 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human CXCL14

Epitope Specificity 51-99/111

Isotype IgG

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted.

SIMILARITY Belongs to the intercrine alpha (chemokine

CxC) family.

Important Note

This product as supplied is intended for research use only, not for use in human,

research use only, not for use in numan therapeutic or diagnostic applications.

Background Descriptions

affinity purified by Protein A

This gene belongs to the cytokine gene family which encode secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. [provided by RefSeq, Jul 2008].

CXCL14 Polyclonal Antibody - Additional Information

Gene ID 9547

Other Names

C-X-C motif chemokine 14, Chemokine BRAK, MIP-2G, Small-inducible cytokine B14, CXCL14, MIP2G, NJAC, SCYB14

Target/Specificity

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Highly expressed in normal tissue without inflammatory stimuli and infrequently expressed in cancer cell lines. Weakly expressed in monocyte-derived dendritic cells. Not detected in lung or unstimulated



peripheral blood lymphocytes.

Dilution

IHC-P~~N/A<br \> <span class
="dilution_IHC-F">IHC-F~~N/A<br \> <span class
="dilution_IF">IF~~1:50~200<br \> E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 $^{\circ}$ C.

CXCL14 Polyclonal Antibody - Protein Information

Name CXCL14

Synonyms MIP2G, NJAC, SCYB14

Function

Potent chemoattractant for neutrophils, and weaker for dendritic cells. Not chemotactic for T-cells, B-cells, monocytes, natural killer cells or granulocytes. Does not inhibit proliferation of myeloid progenitors in colony formation assays.

Cellular Location

Secreted.

Tissue Location

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Highly expressed in normal tissue without inflammatory stimuli and infrequently expressed in cancer cell lines. Weakly expressed in monocyte-derived dendritic cells. Not detected in lung or unstimulated peripheral blood lymphocytes

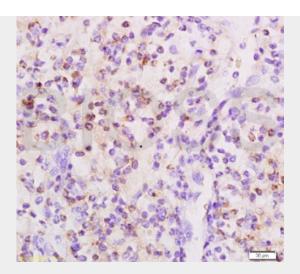
CXCL14 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

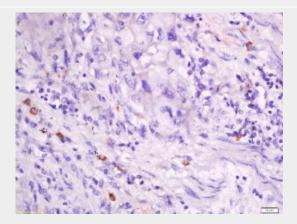
CXCL14 Polyclonal Antibody - Images





Tissue/cell: rat intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

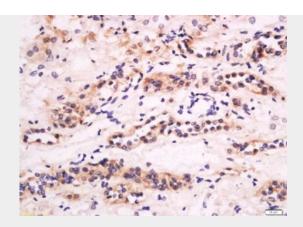
Incubation: Anti-CXCL14 Polyclonal Antibody, Unconjugated(bs-1503R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CXCL14 Polyclonal Antibody, Unconjugated(bs-1503R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining





Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CXCL14 Polyclonal Antibody, Unconjugated(bs-1503R) 1:200, overnight at 4° C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining