

CXCL12 Rabbit Polyclonal Antibody

Catalog No: #54506

Package Size: #54506-1 50ul #54506-2 100ul

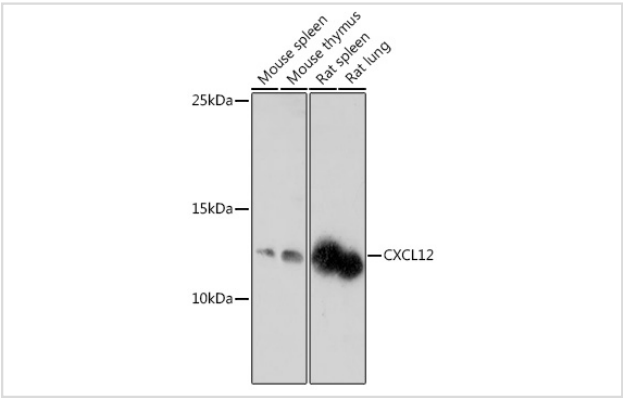
Description

Product Name	CXCL12 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human CXCL12.
Conjugates	Unconjugated
Other Names	CXCL12;IRH;PBSF;SCYB12;SDF1;TLSF;TPAR1
Accession No.	Uniprot:P48061GenelD:6387
Calculated MW	11kDa
SDS-PAGE MW	11kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

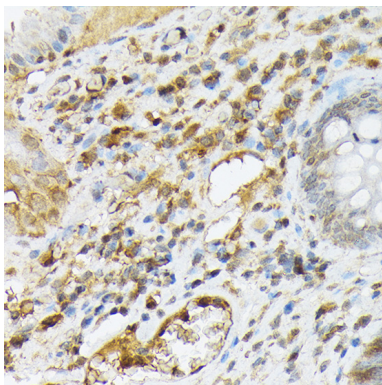
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

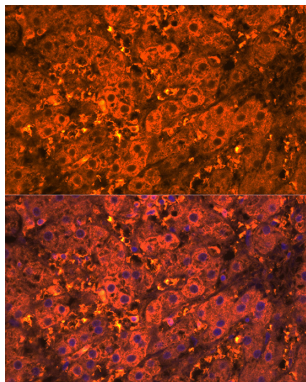
Images



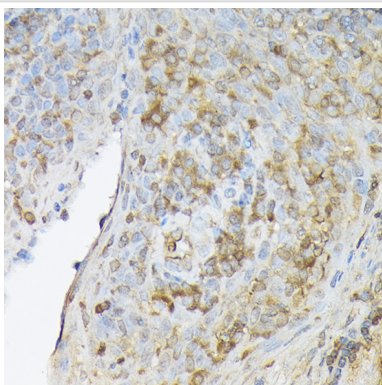
Western blot analysis of extracts of various cell lines, using CXCL12 antibody.



Immunohistochemistry of paraffin-embedded human gastric cancer using CXCL12 Rabbit pAb.



Immunofluorescence analysis of human liver cells using CXCL12 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human tonsil using CXCL12 Rabbit pAb.

Background

This antimicrobial gene encodes a stromal cell-derived alpha chemokine member of the intercrine family. The encoded protein functions as the ligand for the G-protein coupled receptor, chemokine (C-X-C motif) receptor 4, and plays a role in many diverse cellular functions, including embryogenesis, immune surveillance, inflammation response, tissue homeostasis, and tumor growth and metastasis. Mutations in this gene are associated with resistance to human immunodeficiency virus type 1 infections. Multiple transcript variants encoding different isoforms have been found for this gene.

Published Papers

Akari Karaiwa;Sohei Yamada;Hodaka Yamamoto;Mizuho Wakasa;Hannosuke Ishijima;Ryutaro Akiyama;Yoichiro Hosokawa;Yasumasa Bessho;Takaaki Matsui et al., Relationship between surrounding tissue morphology and directional collective migration of the posterior lateral line primordium in zebrafish, , (2020)

[PMID:32516841](https://pubmed.ncbi.nlm.nih.gov/32516841/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.