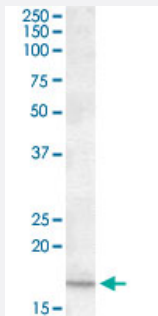


CXCL2 polyclonal antibody

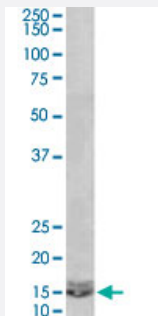
Catalog # PAB17223 Size 100 ug

Applications



Western Blot (Tissue lysate)

CXCL2 polyclonal antibody (Cat # PAB17223) (0.2 ug/mL) staining of human duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence



Western Blot (Cell lysate)

CXCL2 polyclonal antibody (Cat # PAB17223) (0.03 ug/mL) staining of Daudi lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CXCL2.
Immunogen	A synthetic peptide corresponding to C-terminus of human CXCL2.
Sequence	C-KKIIIEKMLKNGKSN
Host	Goat
Theoretical MW (kDa)	11.4
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (0.03-0.1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

CXCL2 polyclonal antibody (Cat # PAB17223) (0.2 ug/mL) staining of human duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

- Western Blot (Cell lysate)

CXCL2 polyclonal antibody (Cat # PAB17223) (0.03 ug/mL) staining of Daudi lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CXCL2

Entrez GeneID	2920
Protein Accession#	NP_002080.1
Gene Name	CXCL2
Gene Alias	CINC-2a, GRO2, GROb, MGSA-b, MIP-2a, MIP2, MIP2A, SCYB2
Gene Description	chemokine (C-X-C motif) ligand 2
Omim ID	139110
Gene Ontology	Hyperlink
Other Designations	GRO2 oncogene MGSA beta melanoma growth stimulatory activity beta

Publication Reference

- [Neutrophil chemokines KC and macrophage-inflammatory protein-2 are newly synthesized by tissue macrophages using distinct TLR signaling pathways.](#)

De Filippo K, Henderson RB, Laschinger M, Hogg N.

Journal of Immunology 2008 Mar; 180(6):4308.

Pathway

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

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sepsis](#)