

CXCL1 Polyclonal Antibody

catalog number: E-AB-19462

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

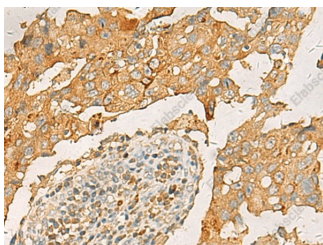
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human CXCL1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

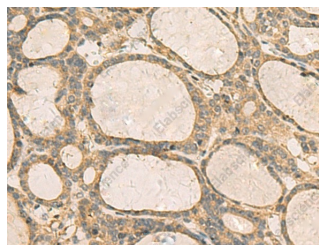
Recommended Dilution

IHC	1:50-1:100
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Data



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CXCL1 Polyclonal Antibody at dilution of 1:35(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CXCL1 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

CXCL1 (C-X-C Motif Chemokine Ligand 1) is a Protein Coding gene. Diseases associated with CXCL1 include Melanoma and Bacterial Meningitis. Among its related pathways are Peptide ligand-binding receptors and Chemokine Superfamily Pathway: Human/Mouse Ligand-Receptor Interactions. GO annotations related to this gene include receptor binding and chemokine activity. An important paralog of this gene is CXCL2. This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4.

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