

IL8RB Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20651a**Specification**

IL8RB Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P25025
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40759

IL8RB Antibody (N-term) - Additional Information**Gene ID** 3579**Other Names**

C-X-C chemokine receptor type 2, CXC-R2, CXCR-2, CDw128b, GRO/MGSA receptor, High affinity interleukin-8 receptor B, IL-8R B, IL-8 receptor type 2, CD182, CXCR2, IL8RB

Target/Specificity

This IL8RB antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 7-38 amino acids from the N-terminal region of human IL8RB.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL8RB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

IL8RB Antibody (N-term) - Protein Information**Name** CXCR2**Synonyms** IL8RB

Function Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed:[1891716](#)). Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G- protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:[8662698](#)). Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

Cellular Location

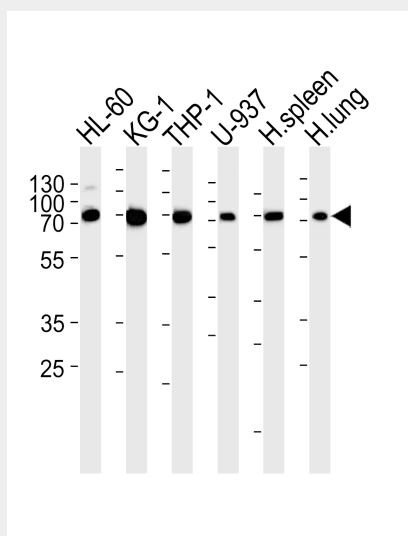
Cell membrane; Multi-pass membrane protein.

IL8RB Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL8RB Antibody (N-term) - Images



Western blot analysis of lysates from HL-60, KG-1, THP-1, U-937 cell line , human spleen and lung tissue lysate(from left to right), using IL8RB Antibody (N-term)(Cat. #AP20651a). AP20651a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

IL8RB Antibody (N-term) - Background

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

IL8RB Antibody (N-term) - References

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Cerretti D.P.,et al.Mol. Immunol. 30:359-367(1993).
Sprenger H.,et al.J. Biol. Chem. 269:11065-11072(1994).
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