

# IL8RB Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20651a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P25025</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB44322
<b>Calculated MW</b>	40759

## Additional Information

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<b>Gene ID</b>	3579
<b>Other Names</b>	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
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	IL8RB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CXCR2
<b>Synonyms</b>	IL8RB
<b>Function</b>	Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed: <a href="#">1891716</a> ). 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.

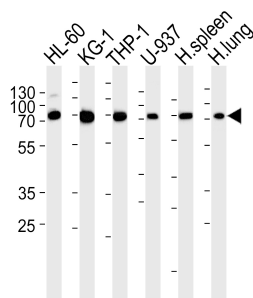
## Background

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.

## References

Murphy P.M.,et al.Science 253:1280-1283(1991).  
Cerretti D.P.,et al.Mol. Immunol. 30:359-367(1993).  
Sprenger H.,et al.J. Biol. Chem. 269:11065-11072(1994).  
Ahuja S.K.,et al.J. Biol. Chem. 269:26381-26389(1994).  
Kato H.,et al.Genes Immun. 1:330-337(2000).

## 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.