

GRO Alpha antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50881**Specification**

GRO Alpha antibody - Product Information

Application	WB
Primary Accession	P09341
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11.7kD; [uniprot,origene]11; KDa

GRO Alpha antibody - Additional Information**Gene ID** 2919**Other Names**

Growth-regulated alpha protein, C-X-C motif chemokine 1, GRO-alpha(1-73), Melanoma growth stimulatory activity, MGSA, Neutrophil-activating protein 3, NAP-3, GRO-alpha(4-73), GRO-alpha(5-73), GRO-alpha(6-73), CXCL1, GRO, GRO1, GROA, MGSA, SCYB1

Dilution

WB~~ 1:1000

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GRO Alpha antibody - Protein Information**Name** CXCL1**Synonyms** GRO, GRO1, GROA, MGSA, SCYB1**Function**

Has chemotactic activity for neutrophils. May play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. In vitro, the processed forms GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) show a 30-fold higher chemotactic activity.

Cellular Location

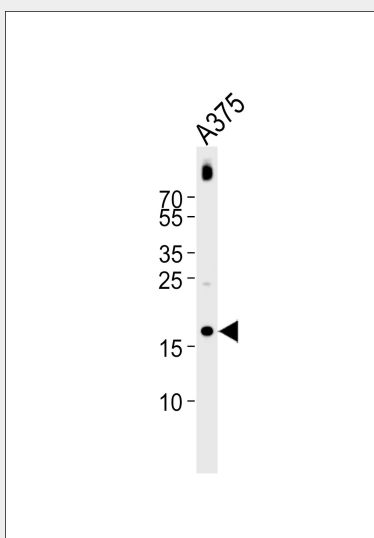
Secreted.

GRO Alpha antibody - 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](#)

GRO Alpha antibody - Images



Western blot analysis of lysate from A375 cell line, using GRO Alpha antibody (AP50881). AP50881 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.

GRO Alpha antibody - Background

Has chemotactic activity for neutrophils. May play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. In vitro, the processed forms GRO- alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) show a 30-fold higher chemotactic activity.

GRO Alpha antibody - References

Anisowicz A., et al. Proc. Natl. Acad. Sci. U.S.A. 84:7188-7192(1987).
Richmond A., et al. EMBO J. 7:2025-2033(1988).
Baker N.E., et al. Nucleic Acids Res. 18:6453-6453(1990).
Kalinine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Wuyts A., et al. Eur. J. Biochem. 260:421-429(1999).