

KC Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10872**Specification**

KC Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	P12850
Other Accession	AAH37997
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	10254

KC Antibody - Additional Information**Gene ID** 14825**Positive Control****Application & Usage**

Western Blot: Jurkat cell lysate and 3T3 cell lysate. **IHC:** Kidney tissue
Western blot analysis (0.5-4 µg/ml), **Immunoprecipitation** (3-5 µg/ml), and **Immunohistochemistry** (10-20 µg/ml).
However, the optimal conditions should be determined individually.

Other Names

GRO alpha, GRO, chemokine (C-X-C), KC

Target/Specificity

KC

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

KC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

KC Antibody - Protein Information

Name Cxcl1

Synonyms Gro, Gro1, Mgsa, Scyb1

Function

Has chemotactic activity for neutrophils. Contributes to neutrophil activation during inflammation (By similarity). Hematopoietic chemokine, which, in vitro, suppresses hematopoietic progenitor cell proliferation. KC(5-72) shows a highly enhanced hematopoietic activity.

Cellular Location

Secreted.

KC 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](#)

KC Antibody - Images**KC Antibody - Background**

KC, a homolog of human and hamster gro/MGSA, is a 72-amino acid CXC chemokine originally cloned from rat macrophages and lung tissue. It is the mediator for recruitment and activation of neutrophils in rat lung inflammation models. Expression of KC can be upregulated by LPS and IL-1 β stimulation. IFN- γ blocks LPS-induced expression of KC.