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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	**Western Blot: Jurkat cell lysate and 3T3 cell lysate. IHC: Kidney tissue**
Application & Usage	**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). Hematoregulatory 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 Cytomety
- 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 netrophils in rat lung inflammation models. Expression of KC can be upregulated by LPS and IL-1β stimulation. IFN-g blocks LPS-induced expression of KC.