

# CXCL6/GCP2 Rabbit pAb

CXCL6/GCP2 Rabbit pAb Catalog # AP56906

#### **Product Information**

**Application** WB, IHC-P, IHC-F, IF, E

**Primary Accession** P80162 Host Rabbit Clonality Polyclonal 11897 **Calculated MW Physical State** Liquid

Immunogen KLH conjugated synthetic peptide derived from human CXCL6

**Epitope Specificity** 51-114/114

Isotype IgG

**Purity** affinity purified by Protein A

**Buffer** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted.

**SIMILARITY** 

Belongs to the intercrine alpha (chemokine CxC) family.

This product as supplied is intended for research use only, not for use in **Important Note** 

human, therapeutic or diagnostic applications.

Neutrophil recruitment to inflammatory sites is mediated by two related **Background Descriptions** 

> receptors: CXCR1 and CXCR2. Both receptors share two ligands, interleukin-8 (CXCL8) and GCP2 (CXCL6). GCP2 belongs to the intercrine alpha (chemokine

CxC) family.

#### **Additional Information**

Gene ID 6372

**Other Names** C-X-C motif chemokine 6, Chemokine alpha 3, CKA-3, Granulocyte chemotactic

> protein 2, GCP-2, Small-inducible cytokine B6, Small-inducible cytokine B6, N-processed variant 1, Small-inducible cytokine B6, N-processed variant 2, Small-inducible cytokine B6, N-processed variant 3, CXCL6, GCP2, SCYB6

WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000 **Dilution** 

-10000

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When Storage

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.

### **Protein Information**

CXCL6 Name

**Synonyms** GCP2, SCYB6

**Function** Chemotactic for neutrophil granulocytes. Signals through binding and

activation of its receptors (CXCR1 and CXCR2). In addition to its chemotactic and angiogenic properties, it has strong antibacterial activity against

Gram-positive and Gram-negative bacteria (90-fold-higher when compared to

CXCL5 and CXCL7).

**Cellular Location** Secreted.

## **Background**

Neutrophil recruitment to inflammatory sites is mediated by two related receptors: CXCR1 and CXCR2. Both receptors share two ligands, interleukin-8 (CXCL8) and GCP2 (CXCL6). GCP2 belongs to the intercrine alpha (chemokine CxC) family.

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