

Rabbit GCP2 Polyclonal Antibody | anti-CXCL6 antibody

GCP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329040	Rabbit	Human, Mouse, Rat Predicted Reactivity: Bovine(100%)	ELISA

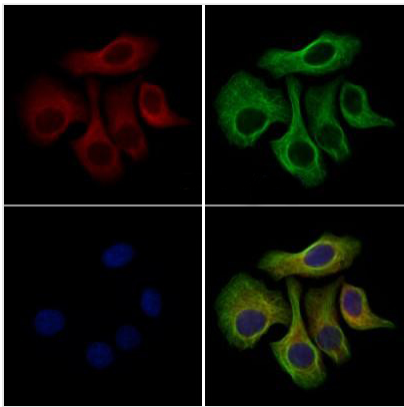
PRODUCT SYNONYMS

GCP2; Polyclonal Antibody; GCP2 Antibody; C X C motif chemokine 6; Chemokine (C X C motif) ligand 6; Chemokine alpha 3; CKA 3; CKA-3; CKA3; CXCL 6; CXCL6; CXCL6_HUMAN; GCP 2; GCP-2; Granulocyte chemotactic protein 2; N-processed variant 3; SCYB6; Small inducible cytokine B6; Small inducible cytokine subfamily B (Cys X Cys) member 6; Small inducible cytokine subfamily B (Cys X Cys) member b; Small-inducible cytokine B6; anti-CXCL6 antibody

PRODUCT SPECIFICATIONS

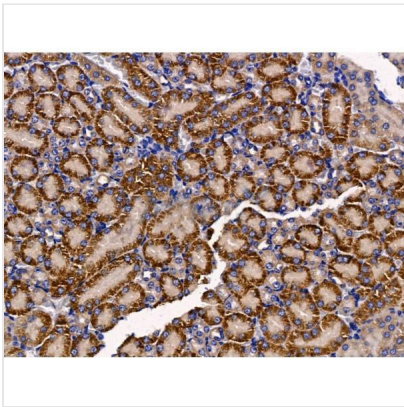
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Bovine(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	GCP2 Antibody detects endogenous levels of total GCP2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	114
Applicable Applications for anti-CXCL6 antibody	ELISA
Immunogen	A synthesized peptide derived from human GCP2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



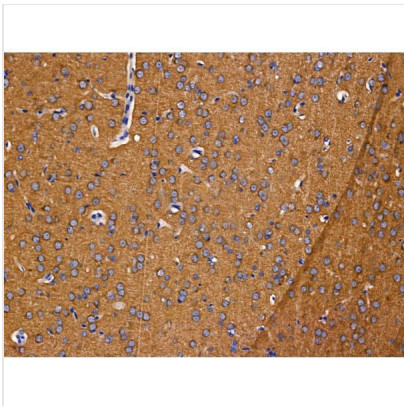
IF (Immunofluorescence)

AAA329040 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329040 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



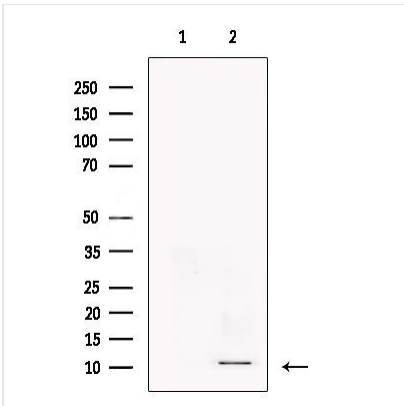
IHC (Immunohistochemistry)

AAA329040 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA329040 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from TNF-alpha and TPA treated A549 cell lysates, using GCP2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCL6 antibody	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).
	Subcellular Location: Secreted.
	Similarity: Belongs to the intercrine alpha (chemokine CxC) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506851
NCBI GeneID	6372
NCBI Accession #	NP_002984.1
NCBI GenBank Nucleotide #	NP_002984.1
UniProt Accession #	P80162

Molecular Weight	Observed Molecular Weight: (Observed)11kD. Predicted Molecular Weight: (Calculated)12kDa.
NCBI Official Full Name	C-X-C motif chemokine 6
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 6
NCBI Official Symbol	CXCL6
NCBI Official Synonym Symbols	GCP2; CKA-3; GCP-2; SCYB6
NCBI Protein Information	C-X-C motif chemokine 6
UniProt Protein Name	C-X-C motif chemokine 6
UniProt Gene Name	CXCL6
UniProt Synonym Gene Names	GCP2; SCYB6; CKA-3; GCP-2
UniProt Entry Name	CXCL6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gcp2-antibody-elisa/329040>