



# Anti-CXCL1 polyclonal antibody (CPBT-65101RR)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit anti Rat CXCL1 antibody recognizes rat CXCL1 also known as GRO1 and CINC-1, an 8kD cytokine which promotes neutrophil chemotaxis and degranulation and is expressed predominantly by monocytes after activation, but is also expressed by fibroblasts, endothelial cells, synovial cells and several tumour cell lines.
<b>Specificity</b>	CXCL1
<b>Immunogen</b>	Recombinant rat CXCL1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; FA; WB
<b>Format</b>	Purified IgG - lyophilised
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cxcl1 chemokine (C-X-C motif) ligand 1 [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	CXCL1
<b>Synonyms</b>	CXCL1; chemokine (C-X-C motif) ligand 1; Gro1; CINC-1; growth-regulated alpha protein; gro; C-X-C motif chemokine 1; cytokine-induced neutrophil chemoattractant 1; platelet-derived growth factor-inducible protein KC; chemokine (C-X-C motif) ligand 1 (mela
<b>Entrez Gene ID</b>	<a href="#">81503</a>
<b>Protein Refseq</b>	<a href="#">NP_110472</a>
<b>UniProt ID</b>	P14095
<b>Chromosome Location</b>	14p22
<b>Pathway</b>	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokines and Inflammatory Response (BioCarta); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (i) signalling events; GPCR downstream signaling;
<b>Function</b>	CXCR chemokine receptor binding; chemokine activity; growth factor activity;