



# Anti-CXCL6 polyclonal antibody [Biotin] (DPABY-414)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	LPS-induced CXC chemokine (LIX) is a member of the murine chemokine family. It is 132 amino acids (aa) in length with a predicted molecular weight of 14 kDa prior to cleavage of the N-terminal signal peptide (aa 1–40). LIX has no true human ortholog but is closely related to human CXCL5/ENA-78 and CXCL6/GCP-2. It is widely expressed, and is secreted by multiple cell types including fibroblasts, thymic epithelium, platelets, vascular endothelium, and hepatocytes. LIX acts as a proinflammatory chemokine and is chemotactic for neutrophils.
<b>Specificity</b>	Detects rat LIX in ELISAs and Western blots. In Western blots, approximately 10% cross-reactivity with recombinant mouseCXCL5/GCP2 is observed, and less than 5% cross-reactivity with recombinant human CXCL6/GCP2 is observed.
<b>Immunogen</b>	E. coli-derived recombinant rat LIX. Ala38-Arg125 Accession Number P97885
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Rat
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

<b>Preservative</b>	None
<b>Storage</b>	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cxcl6 chemokine (C-X-C motif) ligand 6 [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	CXCL6
<b>Synonyms</b>	CXCL6; chemokine (C-X-C motif) ligand 6; Cxcl5; C-X-C motif chemokine 5; cytokine LIX; CXC chemokine LIX; small-inducible cytokine B5; chemokine (C-X-C motif) ligand 5; chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2);
<b>Entrez Gene ID</b>	<a href="#">60665</a>
<b>Protein Refseq</b>	<a href="#">NP_071550</a>
<b>UniProt ID</b>	<a href="#">P97885</a>
<b>Chromosome Location</b>	14p22
<b>Pathway</b>	Chemokine signaling pathway; Pertussis; Rheumatoid arthritis;
<b>Function</b>	chemokine activity;