

# CXCL5/LIX Polyclonal Antibody(Capture/Detector)

catalog number: AN003830P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

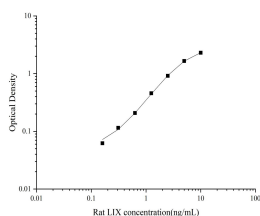
<b>Reactivity</b>	Rat
<b>Immunogen</b>	Recombinant Rat CXCL5/LIX Protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

## Applications

## Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
<b>ELISA Detector</b>	0.1-0.4 µg/mL

## Data



Sandwich ELISA-Recombinant Rat CXCL5/LIX Protein standard curve. Background subtracted standard curve using Anti-CXCL5/LIX antibody(AN003830P)(Capture), Anti-CXCL5/LIX antibody(AN003830P)(Detector). The reference range value is 0.16-10 ng/mL for rat.

## Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

LPS-induced CXC chemokine (LIX) is a chemokine similar to two human chemokines, ENA-78 (CXCL5) and GCP-2 (CXCL6). LIX can be produced by many immune cells, such as macrophages, eosinophils, as well as non-immune cells including mesothelial cells, and fibroblasts. Increased serum LIX has been observed in obesity and insulin resistance in mice and humans and is associated with complications of diabetes including nephropathy and atherosclerosis. It is mainly produced when induced by LPS, IL-17 and/or TNF- $\alpha$ . According to the previous studies, cancer cell autonomous secretion of LIX as sufficient to drive infiltration of mature, protumorigenic neutrophils in a mouse model of non-small cell lung cancer (NSCLC).

## For Research Use Only