

CXCL16 Polyclonal Antibody(Capture/Detector)

catalog number: AN003780P

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

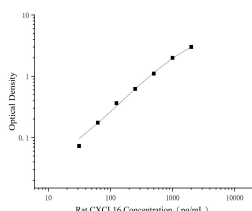
Description

Reactivity	Rat
Immunogen	Recombinant Rat CXCL16 Protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Rat CXCL16 Protein standard curve. Background subtracted standard curve using Anti-CXCL16 antibody(AN003780P)(Capture), Anti-CXCL16 antibody(AN003780P)(Detector). The reference range value is 31.25-2000pg/mL for rat.

Preparation & Storage

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

Background

CXCL16 is produced by dendritic cells in lymphoid organ T cell zones and by cells in the splenic red pulp both as membrane-bound and soluble forms. Based on northern blot analysis, CXCL16 is also expressed in some non-lymphoid tissues such as lung, small intestine and kidney. The receptor for CXCL16 has been identified as CXCR6 (previously called Bonzo, STRL33 or TYMSTR), which is also a coreceptor for HIV entry. CXCR6 is expressed on naive CD8 cells, natural killer T cells and activated CD8 and CD4 T cells.

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