

## Rat CXCL16 Antibody Pair Set

**Catalog No.** E-KAB-0687

**Applications**

ELISA

**Synonyms** SCYB16;SR-PSOX;CXCLG16

### Kit components & Storage

Title	Specifications	Storage
Rat CXCL16 Capture Antibody	1 vial, 100 µg	Store at -20℃. Avoid freeze / thaw cycles.
Rat CXCL16 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃. Avoid freeze / thaw cycles.

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

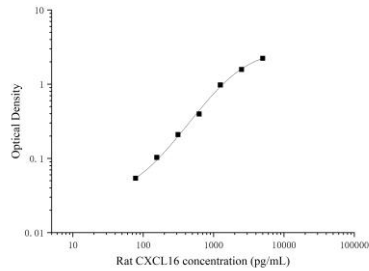
### Product Information

Items		Characteristic (E-KAB-0687)	
		Rat CXCL16 Capture Antibody	Rat CXCL16 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Rat CXCL16 protein	Recombinant Rat CXCL16 protein
	Swissprot	Q6AXU5	
Product details	Reactivity	Rat	Rat
	Host	Rabbit	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A & Antigen Affinity	Protein A
	Specificity	Detects Rat CXCL16 in ELISAs.	

### For Research Use Only

## Applications

### Rat CXCL16 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4ug/mL	Rat CXCL16 Capture Antibody	
ELISA Detection	1:1000-1:10000	Rat CXCL16 Detection Antibody (Biotin)	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

CXCL16, a 27 kD chemokine, exists in membrane-bound and soluble forms. Unlike classic chemokines, CXCL16 possesses a mucin-like stalk, a transmembrane domain, and a cytoplasmic tail with a tyrosine phosphorylation domain, allowing it to be expressed on the cell surface. Structurally, it is similar to fractalkine. It is expressed by dendritic cells, monocytes, and T cells. T cells can also migrate in response to CXCL16.

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