

For Research Use Only

CXCL16 Recombinant antibody

Catalog Number: 85680-4-RR



Basic Information

Catalog Number:

85680-4-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC017588

GeneID (NCBI):

58191

UNIPROT ID:

Q9H2A7

Full Name:

chemokine (C-X-C motif) ligand 16

Calculated MW:

273 aa, 30 kDa

Observed MW:

28-30 kDa

Purification Method:

Protein A purification

CloneNo.:

242984H8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human testis tissue,

Background Information

CXCL16 is a recently discovered cytokine belonging to the CXC chemokine family, which is synthesised in plasmacytoid dendritic cell as a transmembrane molecule. It exists in a transmembrane and soluble form. The transmembrane form of CXCL16 functions as an adhesion molecule for CXCR6-expressing cells, whereas the soluble form of CXCL16 mediates infiltration of circulating cells into sites of injury. CXCL16, has been proposed as an important pathogenic mediator in inflammatory diseases, including rheumatoid arthritis, glomerulonephritis, or prostate cancer. CXCL16 has been implicated in some forms of renal disease such as lupus nephritis and antglomerular basement membrane nephritis. CXCL16 also plays a pivotal role in the pathogenesis of angiotensin II-induced renal injury and fibrosis through regulation of macrophage and T cell infiltration and bone marrow-derived fibroblast accumulation.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

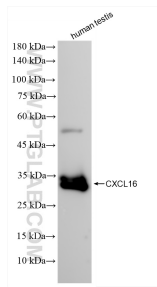
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 85680-4-RR (CXCL16 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.