For Research Use Only

CXCL16 Polyclonal antibody

Catalog Number:13902-1-AP 3 Publications



Basic Information	Catalog Number: 13902-1-AP	GenBank Accession BC017588	on Number:	Purification Method: Antigen affinity purification
	Size:	GenelD (NCBI):		Anagen anning particulor
	150ul , Concentration: 350 µg/ml by	58191		
	Nanodrop and 200 µg/ml by Bradford UNIPROT ID:			
	method using BSA as the standard;	Q9H2A7		
	Source: Rabbit	Full Name:		
	Isotype:	chemokine (C-X-C motif) ligand 16		
	IgG	Calculated MW: 273 aa, 30 kDa		
	Immunogen Catalog Number: AG4872			
Applications	Tested Applications: ELISA			
	Cited Applications: WB, IHC			
	Species Specificity: human			
	Cited Species: human, mouse			
	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 antiglomerular basement membrane nephritis. CXCL16 also plays a pivotal role in the pathogenesis of angiotensir II-induced renal injury and fibrosis through regulation of macrophage and T cell infiltration and bone marrow-derived fibroblast accumulation.			
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