

For Research Use Only

IL-16 Polyclonal antibody

Catalog Number: 13352-1-AP



Basic Information

Catalog Number: 13352-1-AP	GenBank Accession Number: BC040272	Purification Method: Antigen affinity purification
Size: 130 µg/ml	GeneID (NCBI): 3603	
Source: Rabbit	UNIPROT ID: Q14005	
Isotype: IgG	Full Name: interleukin 16 (lymphocyte chemoattractant factor)	
Immunogen Catalog Number: AG4044	Calculated MW: 130 aa, 15 kDa	

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
human

Background Information

IL-16 is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. It is mainly produced by T lymphocytes but also by other immune cells, neuronal cells, fibroblasts and epithelial cells. The signaling process of this cytokine is mediated by CD4. IL-16 induces chemotaxis of CD4+ cells such as lymphocytes, eosinophils, and dendritic cells by ligating CD4 directly at a site distinct from other ligands. Among its multiple functions, IL-16 is a T cell chemoattractant involved in T helper cell inflammatory responses and the regulation of both T cell growth, and responsiveness to regulatory cytokines. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control.

Storage

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

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

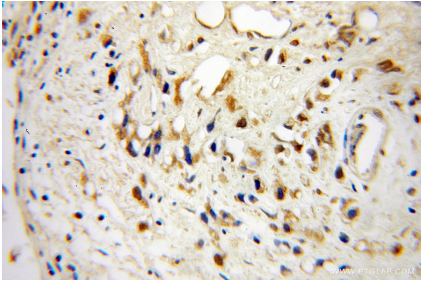
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 13352-1-AP (IL-16 antibody) at dilution of 1:100 (under 10x lens).