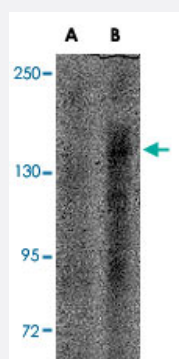


IL16 polyclonal antibody

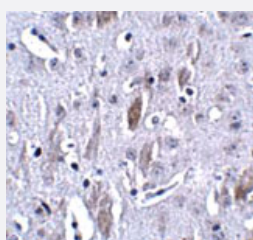
Catalog # PAB16692 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of IL16 in rat brain tissue lysate with IL16 polyclonal antibody (Cat # PAB16692) at (A) 1 ug/mL and (B) 2 ug/mL .



Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL IL16 polyclonal antibody (Cat # PAB16692).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IL16.
Immunogen	A synthetic peptide corresponding to N-terminus 14 amino acids of human IL16.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of IL16 in rat brain tissue lysate with IL16 polyclonal antibody (Cat # PAB16692) at (A) 1 ug/mL and (B) 2 ug/mL .

- Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL IL16 polyclonal antibody (Cat # PAB16692).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL16

Entrez GeneID	3603
Protein Accession#	AAQ86961
Gene Name	IL16
Gene Alias	FLJ16806, FLJ42735, FLJ44234, HsT19289, IL-16, LCF, prIL-16
Gene Description	interleukin 16 (lymphocyte chemoattractant factor)
Omim ID	603035
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. 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. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000190849 OTTHUMP00000190850 interleukin 16 lymphocyte chemoattractant factor

Publication Reference

- [Interleukin-16.](#)

Cruikshank WW, Kornfeld H, Center DM.

Journal of Leukocyte Biology 2000 Jun; 67(6):757.

- [Processing and activation of pro-interleukin-16 by caspase-3.](#)

Zhang Y, Center DM, Wu DM, Cruikshank WW, Yuan J, Andrews DW, Kornfeld H.

The Journal of Biological Chemistry 1998 Jan; 273(2):1144.

Application: IP, WB-Tr, Monkey, COS cells

- [IL-16 represses HIV-1 promoter activity.](#)

Maciaszek JW, Parada NA, Cruikshank WW, Center DM, Kornfeld H, Viglianti GA.

The Journal of Immunology 1997 Jan; 158(1):5.

Disease

- [Asthma](#)

- [Biliary Tract Neoplasms](#)

- [Bronchiolitis](#)

- [Carcinoma](#)

- [Cardiovascular Diseases](#)

- [Celiac Disease](#)

- [Chronic Disease](#)

- [Colorectal Neoplasms](#)

- [Dermatitis](#)

- [Diabetes Mellitus](#)

- [DNA Damage](#)

- [Edema](#)

- [Endometriosis](#)
- [Esophagitis](#)
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