

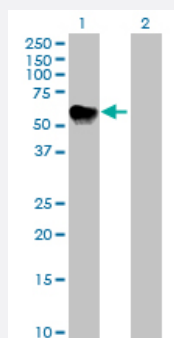
MaxPab®

IL16 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003603-D01P

Size 100 ug

Applications

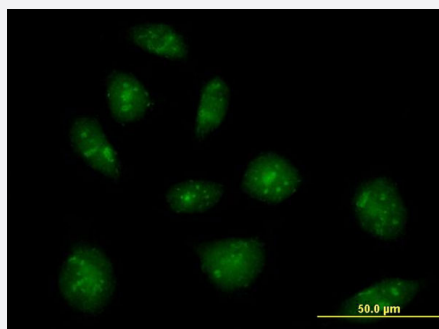


Western Blot (Transfected lysate)

Western Blot analysis of IL16 expression in transfected 293T cell line ([H00003603-T01](#)) by IL16 MaxPab polyclonal antibody.

Lane 1: IL16 transfected lysate(48.40 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab rabbit antibody to IL16 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human IL16 protein.

Immunogen

IL16 (AAH40272.1, 1 a.a. ~ 454 a.a) full-length human protein.

Sequence

MESHSRAGKSRKSAKFRSISRSLMLCNAKTSDDGSSPDEKYPDPFEISLAQGKEGIFHSSVQLAD
TSEAGPSSVPDLALASEAAQLQAAGNDRGKTCRRIFFMKESSTASSREKPGKLEAQSSNFLFPK
ACHQRARSNSTSVNPYCTREIDFPMTKKSAAPTDRQPYSLSNRKSLSQQLDCPAGKAAGTSRP
TRSLSTAQLVQPSGGLQASVISNVLMMKGQAKGLGFSIVGGKDSIYGPIGYVKTIFAGGAAAADGRL
QEGDEILELNGESMAGLTHQDALQKFQAKKGLLTLTVRRLTAPPSLCSHLSPLCRSLSSSTCI
TKDSSSFALESAPISTAKPNYRIMVEVSLQKEAGVGLGIGLCSVPYFQCISGIFVHTLSPGSVAH
LDGRLRCGDEIVEISDPVHCLTLNEVYTLSHCDPGPVSIIVSRHPDPQKEEMEAQEVK

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — IL16

Entrez GeneID	3603
GeneBank Accession#	BC040272
Protein Accession#	AAH40272.1
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

Disease

- [Asthma](#)
- [Biliary Tract Neoplasms](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Endometriosis](#)
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- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)

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- [Radiation Pneumonitis](#)
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