Interleukin 16 (IL16) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 16 (IL16), Polyclonal Antibody
Full Product Name	HRP-Linked Polyclonal Antibody to Interleukin 16 (IL16)
Product Gene Name	anti-IL16 antibody
Product Synonym Names	LCF; PrIL-16; Lymphocyte Chemoattractant Factor; Pro-Interleukin 16
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: IL16 (MBS2017446) HRP Conjugated Antibody: IL16 (MBS2036474)
Matching Pairs	HRP Conjugated Antibody: IL16 (MBS2036474) Immunogen: IL16 (MBS2018333)
Molecular Weight	59,345 Da
OMIM	AY324389 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	IL16 (Met1203~Ser1332)
Conjugation	HRP
Cross Reactivity	Human
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2017446
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-IL16 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-IL16 antibody	MBS2036474 is an antibody targeting IL16. Also known as HRP-Linked Polyclonal Antibody to Interleukin 16 (IL16). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-IL16 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL16. It may not necessarily be applicable to this product.

NCBI GI #	2996198
NCBI GeneID	3603
NCBI Accession #	AAC12732.1
UniProt Secondary Accession #	Q16435; Q6VVE6; Q6ZMQ7; Q9UP18; A6NM20; A8MU65; B5TY35; B9EGR6; H3BVH5

UniProt Related Accession #	Q14005
NCBI Official Full Name	interleukin-16
NCBI Official Synonym Full Names	interleukin 16
NCBI Official Symbol	IL16
NCBI Official Synonym Symbols	LCF; NIL16; PRIL16; prIL-16
UniProt Protein Name	Pro-interleukin-16
UniProt Synonym Protein Names	Interleukin-16; IL-16
Protein Family	Pro-interleukin
UniProt Gene Name	IL16
UniProt Synonym Gene Names	IL-16; LCF
NCBI Protein Information	pro-interleukin-16
NCBI Summary for IL16	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. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]
UniProt Comments for IL16	IL16: Interleukin-16 stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils. Primes CD4+ T-cells for IL-2 and IL-15 responsiveness. Also induces T-lymphocyte expression of interleukin 2 receptor. Ligand for CD4. 3 isoforms of the human protein are produced by alternative promoter. Protein type: Cytokine; DNA-binding; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 15q25.1 Cellular Component: cytoplasm; cytosol; extracellular region; nucleus; plasma membrane Biological Process: immune response
Research Articles on IL16	**1.** We found that the rs1131445 T/C and rs4072111 T/C variants of IL-16 were significantly associated with increased risk of gastric cancer in Iranian population.
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