

IL16 rabbit pAb

Cat#: orb771485 (Manual)

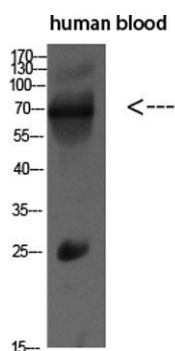
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Product Name	IL16 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 900-960
Specificity	The antibody detects endogenous IL16
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Pro-interleukin-16 [Cleaved into: Interleukin-16 (IL-16) (Lymphocyte chemoattractant factor) (LCF)]
Gene Name	IL16
Cellular localization	[Interleukin-16]: Secreted.; [Isoform 1]: Cytoplasm .; [Isoform 3]: Cytoplasm. Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	67kD
Human Gene ID	3603
Human Swiss-Prot Number	Q14005
Alternative Names	Pro-interleukin-16 [Cleaved into: Interleukin-16 (IL-16) (Lymphocyte chemoattractant factor) (LCF)]

Background

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],



Western blot analysis of MCF7 SW480 MOUSE-LIVER mouse-lung MOUSE-KIDNEY lysate, antibody was diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000