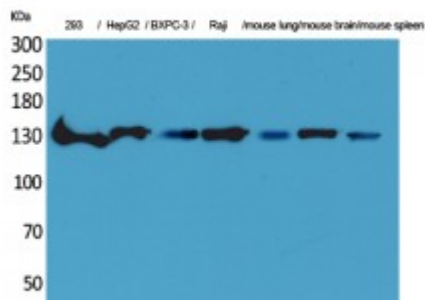


Anti-IL-16 antibody



Description	Rabbit polyclonal to IL-16.
Model	STJ96540
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human IL-16.
Immunogen Region	C-terminal
Gene ID	3603
Gene Symbol	IL16
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	IL-16 Polyclonal Antibody detects endogenous levels of IL-16 protein.
Tissue Specificity	Isoform 3 is expressed in hemopoietic tissues, such as resting T-cells, but is undetectable during active T-cell proliferation.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Pro-interleukin-16 Interleukin-16 IL-16 Lymphocyte chemoattractant factor LCF
Molecular Weight	66 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5980OMIM:603035
Alternative Names	Pro-interleukin-16 Interleukin-16 IL-16 Lymphocyte chemoattractant factor LCF
Function	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.; Isoform 1 may act as a scaffolding protein that anchors ion channels in the membrane.; Isoform 3 is involved in cell cycle progression in T-cells. Appears to be involved in transcriptional regulation of SKP2 and is probably part of a transcriptional repression complex on the core promoter of the SKP2 gene. May act as a scaffold for GABPB1 (the DNA-binding subunit the GABP transcription factor complex) and HDAC3 thus maintaining transcriptional repression and blocking cell cycle progression in resting T-cells.
Cellular Localization	Interleukin-16: Secreted.. Isoform 1: Cytoplasm Isoform 3: Cytoplasm. Nucleus.
Post-translational Modifications	Isoform 3 is synthesized as a chemo-attractant inactive precursor in hemopoietic tissues and is proteolytically cleaved by caspase-3 to yield IL-16.