

ILF3 polyclonal antibody

Catalog # PAB5407

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ILF3.
Immunogen	A synthetic peptide corresponding to N-terminus of human ILF3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	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
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ILF3

Entrez GeneID	3609
Gene Name	ILF3

Gene Alias	CBTF, DRBF, DRBP76, MMP4, MPHOSPH4, MPP4, NF-AT-90, NF110, NF90, NFAR, NFAR-1, NFAR2, TCP110, TCP80
Gene Description	interleukin enhancer binding factor 3, 90kDa
Omim ID	603182
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a double-stranded RNA (dsRNA) binding protein that complexes with other proteins, dsRNAs, small noncoding RNAs, and mRNAs to regulate gene expression and stabilize mRNAs. This protein was first discovered to be a subunit of the nuclear factor of activated T-cells (NFAT); a transcription factor required for T-cell expression of interleukin 2. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the larger of which is the product of this gene. These proteins have been shown to affect the redistribution of nuclear mRNA to the cytoplasm. Knockdown of NF45 or NF90 protein retards cell growth; possibly by inhibition of mRNA stabilization. In contrast, an isoform (NF110) of this gene that is predominantly restricted to the nucleus has only minor effects on cell growth when its levels are reduced. Alternative splicing results in multiple transcript variants encoding distinct isoforms</p>
Other Designations	M-phase phosphoprotein 4 double-stranded RNA-binding protein, 76 kD dsRNA binding protein NFAR-2/MPP4 interleukin enhancer binding factor 3 nuclear factor associated with dsRNA nuclear factor of activated T-cells, 90 kD translational control protein 80

Disease

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