

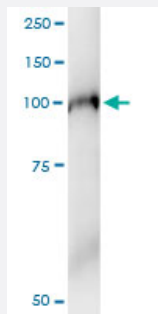
MaxPab®

ILF3 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003609-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of ILF3 transfected lysate using anti-ILF3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ILF3 purified MaxPab mouse polyclonal antibody (B01P) ([H00003609-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ILF3 protein.

Immunogen

ILF3 (NP_004507.2, 1 a.a. ~ 702 a.a) full-length human protein.

Sequence

MRPMRIFVNDDRHVMAKHSSVYPTQEELEAVQNMVSHTERALKAVSDWIDEQEKGSSEQAESD
NMDVPPEDDSKEGAGEQKTEHMTRTLRGVMRVGLVAKGLLLKGDLDLELVLLCKEKPTTALLDK
VADNLAIQLAAVTEDKYEILQSVDDAAVIKNTKEPPLSLTIHLTSPVVREEMEKVLAGETLSVNDPP
DVLDRQKCLAALASLRHAKWFQARANGKSCVMIRVLRDLCTRPTWGPLRGWPLELLCEKSIG
TANRPMGAGEALRRVLECLASGMMPDGSYDPCEKEATDAIGHLD RQQREDITQSAQHALRLA
AFGQLHKVLGMDPLPSKMPKKPKNENPVDYTVQIPPSTTYAITPMKRPMEEDGEEKSPSKKKKKI
QKKEEKAEPQAMNALMRLNQLKPLQYKLVSQTGPVHAPIFTMSVEVDGNSFEASGPSKKTAK
LHVAVKVLQDMGLPTGAEGRDSSKGEDSAEETEAKPAVVAPAPVVEAVSTPSAAFPSDATAEQ
GPILTKHGKNPVMELNEKRRGLKYELISETGGSHDKRFVMEVEVDGQKFQGAGSNKKVAKAYAA
LAALEKLFDPDTPLALDANKKKRAPVPVRGGPKFAAKPHNPFGFMGGPMHNEVPPPPNLRGRGR
GGSIRGRGRGRGFGGANHGGYMNAGAGYGSYGYGNSATAGYSDFFTDCYGYHDFGSS

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (92)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — ILF3

Entrez GeneID	3609
GeneBank Accession#	NM_004516
Protein Accession#	NP_004507.2
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	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
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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