

Rabbit ILF3 Polyclonal Antibody | anti-ILF3 antibody

ILF3 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197426	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

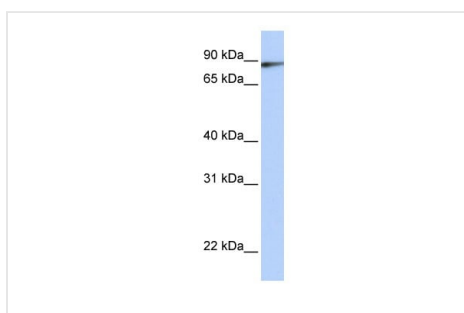
PRODUCT SYNONYMS

ILF3; Polyclonal Antibody; ILF3 antibody - C-terminal region; anti-ILF3 antibody

PRODUCT SPECIFICATIONS

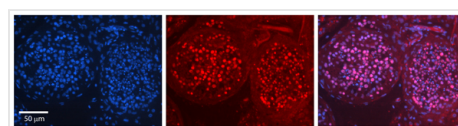
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: QQSYNQSPYSNYGPPQKGKQGYNHGQGSYSYSNSYNSPGGGGSDYNYES
Sequence Length	894
Applicable Applications for anti-ILF3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 79%; Pig: 93%; Rabbit: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ILF3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ILF3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HeLa cell lysate
There is BioGPS gene expression data showing that ILF3 is expressed in HeLa



IHC (Immunohistochemistry)

Rabbit Anti-ILF3 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Tissue
Observed Staining: Nucleus in spermatogonia and spermatocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ILF3 antibody	This is a rabbit polyclonal antibody against ILF3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ILF3 may facilitate double-stranded RNA-regulated gene expression at the level of post-transcription. ILF3 can act as a translation inhibitory protein which binds to coding sequences of acid beta-glucosidase (GCase) and other mRNAs and functions at the initiation phase of GCase mRNA translation, probably by inhibiting its binding to polysomes. ILF3 can regulate protein arginine N-methyltransferase 1 activity. ILF3 may regulate transcription of the IL2 gene during T-cell activation. It can promote the formation of stable DNA-dependent protein kinase holoenzyme complexes on DNA. Nuclear factor of activated T-cells (NFAT) is a transcription factor required for T-cell expression of interleukin 2. NFAT binds to a sequence in the IL2 enhancer known as the antigen receptor response element 2. In addition, NFAT can bind RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the larger of which is the product of this gene. The encoded protein, which is primarily localized to ribosomes, probably regulates transcription at the level of mRNA elongation. Nuclear factor of activated T-cells (NFAT) is a transcription factor required for T-cell expression of interleukin 2. NFAT binds to a sequence in the IL2 enhancer known as the antigen receptor response element 2. In addition, NFAT can bind RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the larger of which is the product of this gene. The encoded protein, which is primarily localized to ribosomes, probably regulates transcription at the level of mRNA elongation. At least three transcript variants encoding three different isoforms have been found for this gene.
Product Categories/Family for anti-ILF3 antibody	Polyclonal ; Transcription Factor ; RNA Binding Proteins ; Cell Cycle Proteins ; Transcription Regulation ; Chromatin & Nuclear Signaling ; Signal Transduction ; DNA/RNA/Protein Interactions ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234750
NCBI GeneID	3609
NCBI Accession #	NP_036350
NCBI GenBank Nucleotide #	NM_012218
UniProt Accession #	Q12906
Molecular Weight	95kDa
NCBI Official Full Name	interleukin enhancer-binding factor 3 isoform a
NCBI Official Synonym Full Names	interleukin enhancer binding factor 3
NCBI Official Symbol	ILF3
NCBI Official Synonym Symbols	CBTF; DRBF; MMP4; MPP4; NF90; NFAR; NF110; NF90a; NF90b; NFAR2; TCP80; DRBP76; NF110b; NFAR-1; TCP110; MPHOSPH4; NF-AT-90
NCBI Protein Information	interleukin enhancer-binding factor 3
UniProt Protein Name	Interleukin enhancer-binding factor 3
UniProt Gene Name	ILF3
UniProt Synonym Gene Names	DRBF; MPHOSPH4; NF90; DRBP76; MPP4; NFAR; NF-AT-90; TCP80
UniProt Entry Name	ILF3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ilf3-antibody-immunohistochemistry-western-blot-elisa/197426>