

Datasheet for ABIN2780867

**anti-Interleukin enhancer-binding factor 3 (ILF3) (N-Term)
antibody**[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	Interleukin enhancer-binding factor 3 (ILF3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ILF3
Sequence:	IFVNDDRHVM AKHSSVYPTQ EELEAVQNMV SHTERALKAV SDWIDEQEKG
Specificity:	The immunizing peptide used to raise this antibody is 100 % homologous to isoform 2 (702aa, 76 kDa), 3 (764aa, 83 kDa), 4 (698aa, 76 kDa) and 5 (690aa, 75 kDa), 6 (706aa, 77 kDa) and 7 (898aa, 96 kDa) of human ILF3.
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against ILF3. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	Interleukin enhancer-binding factor 3 (ILF3)
Alternative Name:	ILF3 (ILF3 Products)
Background:	<p>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 ILF3. 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.</p> <p>Alias Symbols: CBTF, DRBF, MMP4, MPP4, NF90, NFAR, NF110, NF90a, NF90b, NFAR2, TCP80, DRBP76, NF110b, NFAR-1, TCP110, MPHOSPH4, NF-AT-90</p> <p>Protein Interaction Partner: PLSCR1, UBC, FBXW11, RBPMS, HUWE1, MDM2, AURKA, SUMO2, SUMO3, STAU1, IVNS1ABP, LGR4, ERG, RPA3, RPA2, RPA1, EZH2, HNRNPL, SUZ12, RNF2, BMI1, EED, VHL, VEGFA, rev, FBXO6, TARDBP, CSF2, EIF2AK2, ICAM1, IGSF8, SNORD116-22, PABPC1, RNU2-4P, RNU5B-1, RNU5A-1,</p> <p>Protein Size: 894</p>
Molecular Weight:	95 kDa
Gene ID:	3609
NCBI Accession:	NM_004516 , NP_004507
Pathways:	M Phase

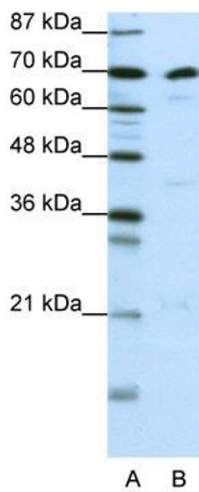
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 702 AA
Restrictions:	For Research Use only

Handling

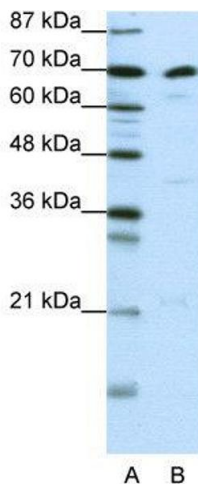
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



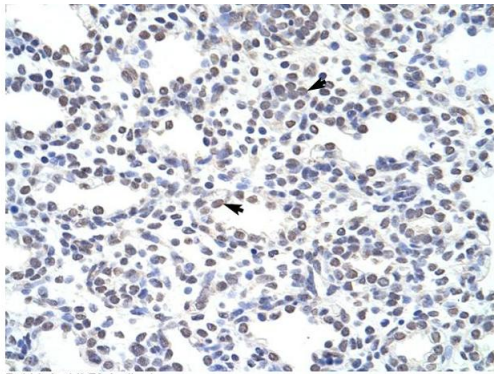
Western Blotting

Image 1. WB Suggested Anti-ILF3 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:62500 Positive Control: K562 cell lysate
ILF3 is strongly supported by BioGPS gene expression data to be expressed in Human K562 cells



Western Blotting

Image 2. WB Suggested Anti-ILF3
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:2500
Positive Control: K562 cell lysate
ILF3 is strongly supported by BioGPS gene expression data to be expressed in Human K562 cells



Rabbit Anti-ILF3 Antibody
Catalog Number: ARP38968
Lot Number: QC8995
Paraffin Embedded Tissue: Human Lung
Cells with Positive label: Alveolar cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 3. Human Lung

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2780867.