

Datasheet for ABIN2776419  
**anti-ILF2 antibody (C-Term)**[Go to Product page](#)

6 Images

2 Publications

## Overview

Quantity:	100 µL
Target:	ILF2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ILF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ILF2
Sequence:	HGGFRKILGQ EGDASYLASE ISTWDGVIVT PSEKAYEKPP EKKEGEEEEEE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ILF2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	ILF2
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## Target Details

Alternative Name:	ILF2 ( <a href="#">ILF2 Products</a> )
Background:	<p>Nuclear factor of activated T-cells (NFAT) is a transcription factor required for T-cell expression of the interleukin 2 gene. NFAT binds to a sequence in the interleukin 2 gene 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 smaller of which is the product of the ILF2 gene. The encoded protein binds strongly to the 90 kDa protein and stimulates its ability to enhance gene expression.</p> <p>Alias Symbols: NF45, PRO3063</p> <p>Protein Interaction Partner: CCNDBP1, HUWE1, UBC, EEF1G, AURKA, SUMO2, SUMO3, STAU1, IVNS1ABP, RPA1, SMURF2, RPA3, RPA2, ERG, EZH2, BMI1, SUZ12, EED, rev, HNRNPU, FKBP3, DHX9, DDX1, ABCF1, C14orf166, RTCB, DIMT1, NELFB, EDC4, IGF2BP3, EIF2B2, EIF2B3, YBX3, RFC4, PTBP1, YBX1, NMT1, MR</p> <p>Protein Size: 390</p>
Molecular Weight:	43 kDa
Gene ID:	3608
NCBI Accession:	<a href="#">NM_004515</a> , <a href="#">NP_004506</a>
UniProt:	<a href="#">Q12905</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 390 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

## Handling

should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

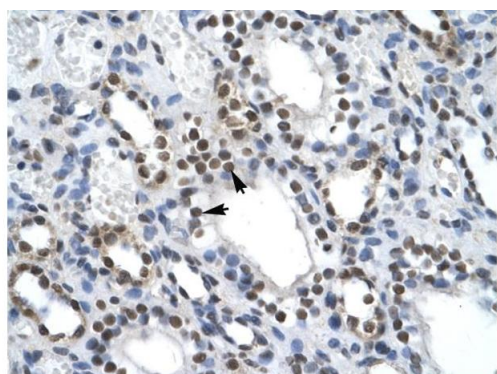
Storage: -20 °C

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.

## Publications

Product cited in: Hirata, Yimin, Segawa, Ozaki, Kobayashi, Shigyo, Chiba: "Xanthohumol prevents atherosclerosis by reducing arterial cholesterol content via CETP and apolipoprotein E in CETP-transgenic mice." in: **PLoS ONE**, Vol. 7, Issue 11, pp. e49415, (2012) ([PubMed](#)).

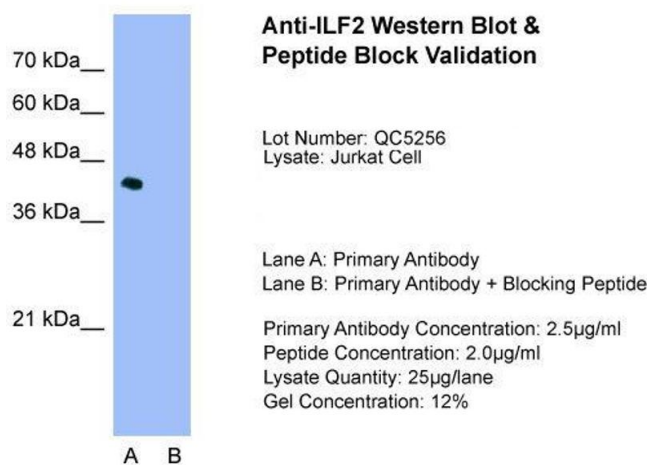
## Images



Rabbit Anti-ILF2 Antibody  
Catalog Number: ARP35731  
Lot Number: QC5256  
Paraffin Embedded Tissue: Human Kidney  
Cells with Positive label: Epithelial cells of collecting tubule(Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

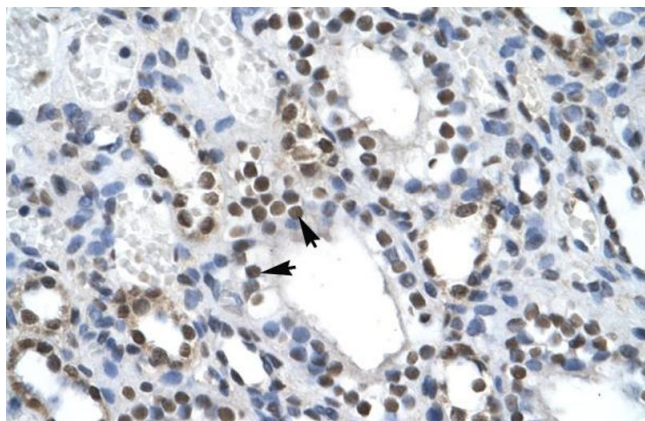
### Immunohistochemistry

**Image 1.** Human kidney



### Western Blotting

**Image 2.** Host: Rabbit Target Name: ILF2 Sample Type: Jurkat  
Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide  
Primary Antibody Concentration: 2.5ug/mL  
Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane  
Gel Concentration: 12%



#### Immunohistochemistry

**Image 3.** Human kidney

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2776419.