

Datasheet for ABIN2776420  
**anti-ILF2 antibody (N-Term)**



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1 Image

## Overview

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                          |
| Target:              | ILF2                                                                            |
| Binding Specificity: | N-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)                                                           |

## Product Details

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N-terminal region of Human ILF2                              |
| Sequence:             | FPRVKPAPDE TSFSEALLKR NQDLAPNSAE QASILSLVTK INNVIDNLIV                                                                 |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79% |
| Characteristics:      | This is a rabbit polyclonal antibody against ILF2. It was validated on Western Blot.                                   |
| Purification:         | Affinity Purified                                                                                                      |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | ILF2                                   |
| Alternative Name: | ILF2 ( <a href="#">ILF2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>The protein encoded by this gene is the 45 kDa component of nuclear factor of activated T-cells (NFAT), a heterodimer of 45 kDa and 90 kDa proteins. NFAT is a transcription factor required for T-cell expression of the interleukin 2 gene. It also binds RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. The complex has been shown to repair DNA breaks by nonhomologous end joining and can also negatively regulate the microRNA processing pathway. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14.</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 dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

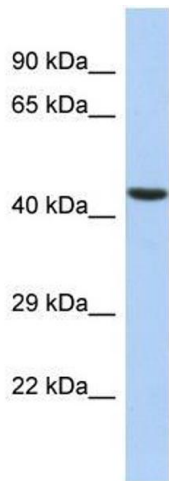
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| 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 repeat freeze-thaw cycles.                                                                                       |

Handling

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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.** Host: Rabbit Target Name: ILF2 Sample Type: HepG2 Whole cell lysates Antibody Dilution: 1.0ug/ml