

**Goat anti-ILF2 / NF45, Biotinylated Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4417a****Specification**

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**Goat anti-ILF2 / NF45, Biotinylated Antibody - Product Information**

Application	WB, IHC, Pep-ELISA
Primary Accession	<a href="#">Q12905</a>
Other Accession	<a href="#">NP_004506.2</a> , <a href="#">NP_001254738.1</a>
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	43062

**Goat anti-ILF2 / NF45, Biotinylated Antibody - Additional Information****Gene ID** 3608**Other Names**

ILF2; interleukin enhancer binding factor 2; NF45; PRO3063; interleukin enhancer binding factor 2, 45kD; interleukin enhancer binding factor 2, 45kDa; nuclear factor of activated T-cells, 45-kDa

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

This antibody is expected to recognize both reported isoforms (NP\_004506.2; NP\_001254738.1).

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-ILF2 / NF45, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-ILF2 / NF45, Biotinylated Antibody - Protein Information****Name** ILF2**Synonyms** NF45**Function**

Chromatin-interacting protein that forms a stable heterodimer with interleukin enhancer-binding factor 3/ILF3 and plays a role in several biological processes including transcription, innate immunity or cell growth (PubMed: &lt;a href="http://www.uniprot.org/citations/18458058"

target="\_blank">18458058</a>, PubMed:<a href="http://www.uniprot.org/citations/31212927" target="\_blank">31212927</a>). Essential for the efficient reshuttling of ILF3 (isoform 1 and isoform 2) into the nucleus. Together with ILF3, forms an RNA-binding complex that is required for mitotic progression and cytokinesis by regulating the expression of a cluster of mitotic genes. Mechanistically, competes with STAU1/STAU2-mediated mRNA decay (PubMed:<a href="http://www.uniprot.org/citations/32433969" target="\_blank">32433969</a>). Also plays a role in the inhibition of various viruses including Japanese encephalitis virus or enterovirus 71.

**Cellular Location**

Nucleus, nucleolus. Cytoplasm. Nucleus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs

**Goat anti-ILF2 / NF45, Biotinylated Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat anti-ILF2 / NF45, Biotinylated Antibody - Images**