

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

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

Application	WB, IHC, Pep-ELISA
Primary Accession	Q12905
Other Accession	NP_004506.2 , NP_001254738.1
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

DilutionWB~~1:1000
IHC~~1:100~500
Pep-ELISA~~N/A**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:18458058, PubMed:31212927). 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:32433969). 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