

Goat anti-ILF2 / NF45, Biotinylated Antibody

Peptide-affinity purified goat antibody Catalog # AF4417a

Specification

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

Application Primary Accession Other Accession Reactivity

Host Clonality

Calculated MW

WB, IHC, Pep-ELISA

012905

NP_004506.2, NP_001254738.1 Human, Mouse, Rat, Dog

Goat Polyclonal 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

Dilution

WB~~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.

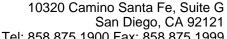
Precautions

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





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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 Cytomety
- Cell Culture

Goat anti-ILF2 / NF45, Biotinylated Antibody - Images