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# Goat anti-ILF2 / NF45, Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4417a

## Product Information

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| **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 |
| **Clone Names** | ILF2 |
| **Calculated MW** | 43062 |

## Additional Information

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| **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. |

## Protein Information

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| **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 |

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| | (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 |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.