



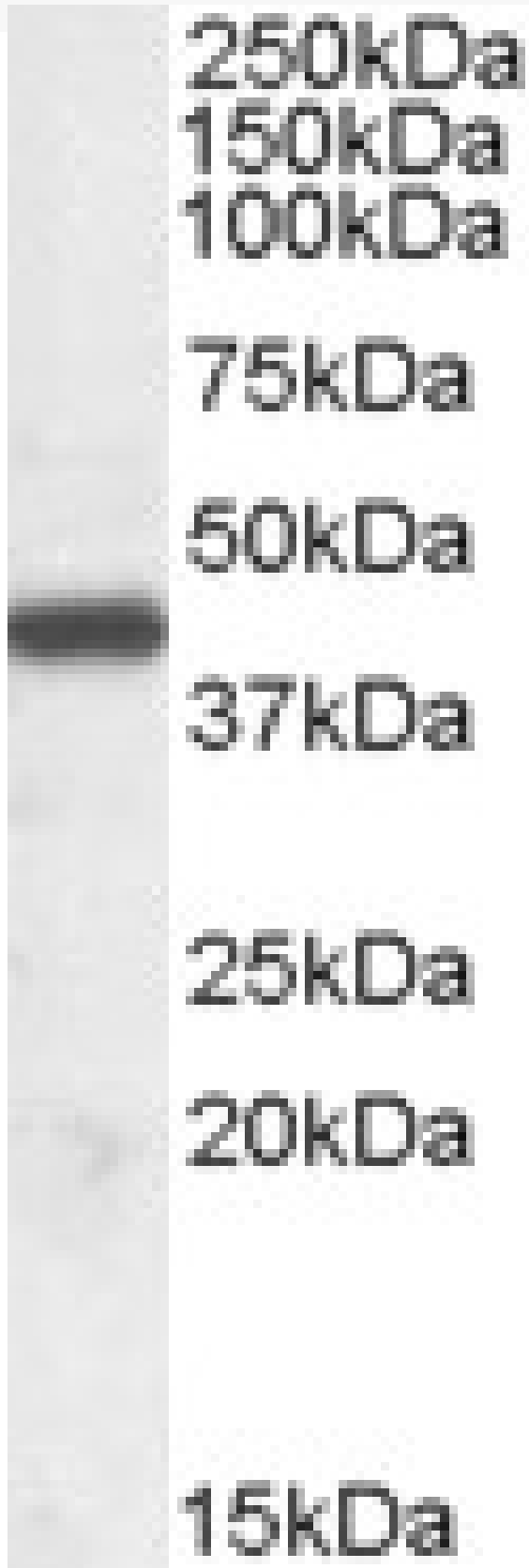
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GOAT ANTI-ILF2 / NF45 ANTIBODY

SKU: EB07784





SPECIFICATIONS

| | |
|------------------------------|---|
| Formulation | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Unit Size | 100 µg |
| Storage Instructions | Aliquot and store at -20°C. Minimize freezing and thawing. |
| Synonym / Alias Names | nuclear factor of activated T-cells, 45-kDa interleukin enhancer binding factor 2 PRO3063 MGC8391 interleukin enhancer binding factor 2, 45kDa NF45 ILF2 |
| Accession ID | NP_004506.2; NP_001254738.1 |
| Blocking Peptide | EBP07784 |
| Immunogen | Peptide with sequence C-EKAYEKPPPEKKEG, from the internal region (near the C Terminus) of the protein sequence according to NP_004506.2; NP_001254738.1. |
| Product Comments | This antibody is expected to recognize both reported isoforms (NP_004506.2; NP_001254738.1). |
| Peptide Sequence | C-EKAYEKPPPEKKEG |
| Purification Method | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Shipping Instructions | Refrigerated |
| Predicted Species | Human, Mouse, Rat, Dog |
| Reactive Species | Human |
| Human Gene ID | 3608 |
| Mouse Gene ID | 67781 |
| Rat Gene ID | 310612 |
| Product Grade | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| ELISA Detection Limit | Antibody detection limit dilution 1:4000. |
| Western Blot | Approx 43kDa band observed in Human Tonsil and Thymus lysates (calculated MW of 43.1kDa according to NP_004506.2). Recommended concentration: 0.03-0.1µg/ml. This antibody has been successfully used in WB in the following papers: Ye J et al, RNA. 2017 Aug;23(8):1270-1284. PMID: 28487382. And Shamanna RA et al, Oncogene. 2013 Oct 24;32(43):5176-85 PMID: 23208500. |
| Application Type | Pep-ELISA, WB |



SELECTED REFERENCES

[{"pmid": 21969602, "intro": "**This antibody (previous batch) has been successfully used in WB and IP on HeLa cells:**", "title": "The NF90/NF45 complex participates in DNA break repair via nonhomologous end joining.", "author": "Shamanna RA, Hoque M, Lewis-Antes A, Azzam EI, Lagunoff D, Pe'ery T, Mathews MB.", "journal": "Mol Cell Biol. 2011 Dec;31(23):4832-43."}, {"pmid": 28487382, "intro": "**This antibody has been successfully used in WB and IP on ESCs:**", "title": "NF45 and NF90/NF110 coordinately regulate ESC pluripotency and differentiation", "author": "Ye J, Jin H, Pankov A, Song J, Belloch R.", "journal": "RNA. 2017 Aug;23(8):1270-1284. "}, {"pmid": 23208500, "intro": "**This antibody has been successfully used in WB on Human:**", "title": "Induction of p53, p21 and apoptosis by silencing the NF90/NF45 complex in human papilloma virus-transformed cervical carcinoma cells.", "author": "Shamanna RA, Hoque M, Pe'ery T, Mathews MB.", "journal": "Oncogene. 2013 Oct 24;32(43):5176-85"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

