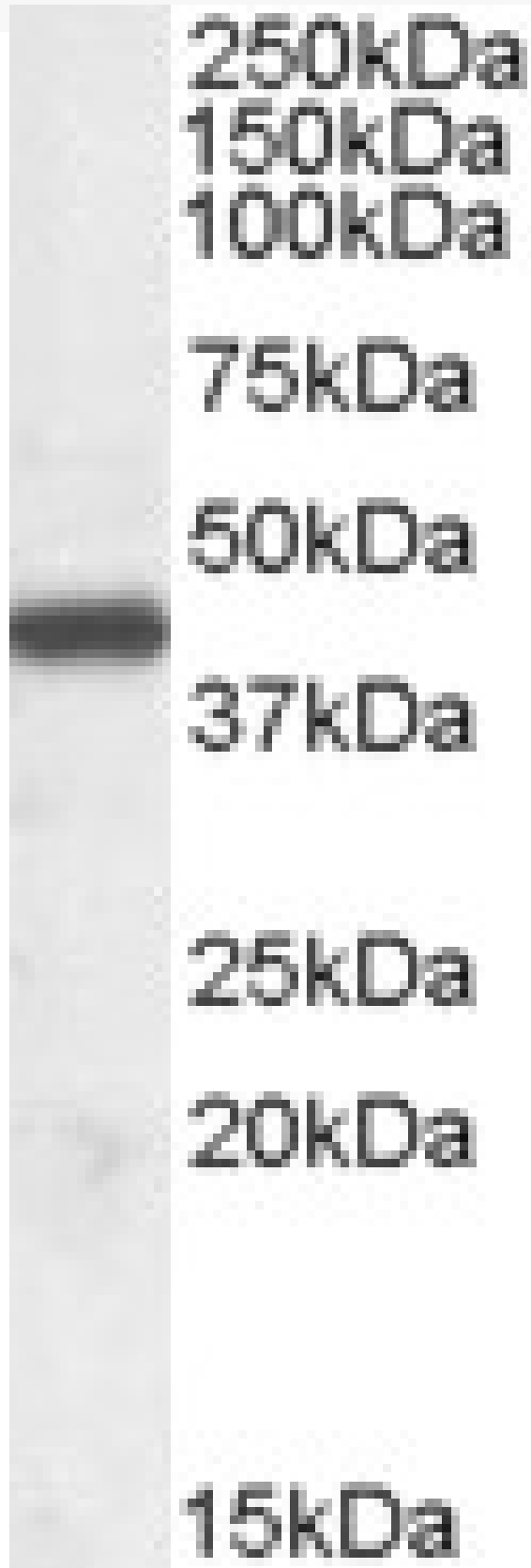


GOAT ANTI-ILF2 / NF45 ANTIBODY

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-EKAYEKPPEKKEG, 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-EKAYEKPPEKKEG
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, Bluelloch 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

