



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05227 - Goat Anti-NFIL3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OTTHUMP00000021633, interleukin-3 promoter transcriptional activator, NF-IL3A, NFIL3A, IL3BP1, E4BP4, nuclear factor, interleukin 3 regulated, NFIL3

Official Symbol: NFIL3

Accession Number(s): NP_005375.2

Human GeneID(s): [4783](#)

Non-Human GeneID(s): 18030 (mouse), 114519 (rat)

Immunogen

Peptide with sequence C-RLIATQPISASDSG, from the C Terminus of the protein sequence according to NP_005375.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx. 55-60kDa band observed in lysates of Jurkat and HepG2 (calculated MW of 51.5kDa according to NP_005375.2). The observed molecular weight corresponds to earlier findings in literature (Ikushima et al., Proc Natl Acad Sci U S A. 1997 Mar 18;94(6):2609-14.; PMID: 9122243). Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

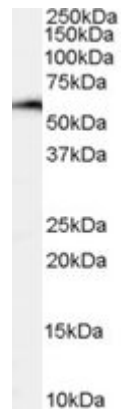
Background Reference

Zhang W, Zhang J, Kornuc M, Kwan K, Frank R, Nimer SD.

Molecular cloning and characterization of NF-IL3A, a transcriptional activator of the human interleukin-3 promoter.

Mol Cell Biol 1995 Nov;15(11):6055-63

PMID: 7565758



EB05227 staining (0.5 μ g/ml) of HepG2 lysate (RIPA buffer, 20 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.