

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona,

CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10984 - Goat Anti-Neurofascin (aa877-890) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NFASC, neurofascin, DKFZp686P2250, FLJ46866, KIAA0756, NF, NRCAML, OTTHUMP00000065316, OTTHUMP00000065319, OTTHUMP00000065323,

OTTHUMP0000065324, neurofascin homolog

Official Symbol: NFASC

Accession Number(s): NP_001005388.2; NP_001153803.1; NP_001153804.1;

NP_055905.2;

Human GeneID(s): 23114

Non-Human GenelD(s): 269116 (mouse), 116690 (rat)

Important Comments: This antibody is expected to recognize reported isoforms 1, 2, 3 and 4 (NP $_001005388.2$;,NP $_001153803.1$, NP $_001153804.1$ and NP $_055905.2$ resp) .

Immunogen

Peptide with sequence C-NFSPNQTKFTVQRT, from the internal region of the protein sequence according to NP_001005388.2; NP_001153803.1; NP_001153804.1; NP_055905.2;.

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 1:16000.

Western blot: Approx 170kDa band observed in Human Lung lysates (calculated MW of 138kDa according to NP_001005388.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Kirschbaum et al, J Biol Chem. 2009 Oct 16;284(42):28533-42. PMID: 19666467). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat Brain for this particular batch.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10984 (0.5μg/ml) staining of Human Lung lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.

15kDa