

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

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07818 - Goat Anti-GABPB2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GABPB2, GA binding protein transcription factor, beta subunit 2, BABPB2, E4TF1, E4TF1-47, E4TF1-53, E4TF1B, GABPB, GABPB1, NRF2B1, NRF2B2, GA binding protein transcription factor, beta subunit 1, 53kDa, GA binding protein transcription factor, beta subunit 2, 47kDa, nuclear respiratory factor-2 subunit beta

Official Symbol: GABPB2

Accession Number(s): NP_005245.2; NP_002032.2

Human GeneID(s): [2553](#)

Important Comments: This antibody is expected to recognise isoform beta 1 (NP_005245.2) and isoform gamma 1 (NP_002032.2).

Immunogen

Peptide with sequence C-SSSENSKATDETG, from the internal region of the protein sequence according to NP_005245.2; NP_002032.2.

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 1:32000.

Western blot: Approx 45+38kDa bands observed in lysates of cell line HeLa (calculated MW of 42.5kDa according to NP_005245.2 and of 38.1kDa according to NP_002032.2). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 21kDa. This band was successfully blocked by incubation with the immunising peptide.

IHC: Paraffin embedded Human Tonsil and Spleen. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

EB07818 (0.5µg/ml) staining of HeLa cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07818 (3.75µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB07818 (3.75µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.