



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.**

EB05677-T - Goat Anti-H11 / HSP22 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: HSPB8, heat shock 22kDa protein 8, CMT2L, DHMN2, E2IG1, H11, HMN2, HMN2A, HSP22, Charcot-Marie-Tooth disease, spinal, heat shock 27kDa protein 8, hereditary motor neuropathy, distal, protein kinase H11, small stress protein-like protein HSP22, spinal muscular atrophy, distal, adult, autosomal dominant, E2-induced gene 1, heat shock protein beta-8

Official Symbol: HSPB8

Accession Number(s): NP_055180.1

Human GeneID(s): [26353](#)

Immunogen

Peptide with sequence NELPQDSQEVCT, from the C Terminus of the protein sequence according to NP_055180.1.

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 20-25kDa band seen in Human Skeletal Muscle lysate [Predicted MW of approx. 22kDa according to NP_055180]. Recommended for use at 0.5-1µg/ml. Primary incubated for 1 hour.

IHC: Paraffin embedded Human Adrenal Gland and Tonsil. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB05677 staining (1µg/ml) of Human Muscle lysate (RIPA buffer, 30µg total protein per lane). Detected by chemiluminescence.

EB05677 (10µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05677 (10µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.