

**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.

## EB05677 - Goat Anti-H11 / HSP22 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** HSPB8

**Accession Number(s):** NP\_055180.1

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

### Immunogen

Peptide with sequence NELPQDSQEVTCT, 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.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Wilhelmus MM, Boelens WC, Otte-Höller I, Kamps B, Kusters B, Maat-Schieman ML, de Waal RM, Verbeek MM.

Small heat shock protein HspB8: its distribution in Alzheimer's disease brains and its inhibition of amyloid-beta protein aggregation and cerebrovascular amyloid-beta toxicity. Acta Neuropathol. 2006 Feb;111(2):139-49.

**PMID:** 16485107



EB05677 staining (1 $\mu$ g/ml) of human muscle lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.