

#### **International Office**

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# 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 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. Primary incubated for 1 hour.

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

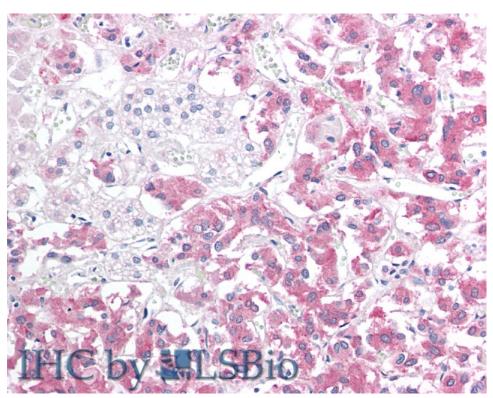
#### **Species Reactivity**

Tested: Human

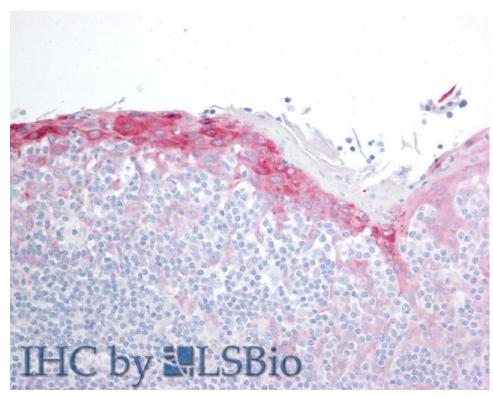
Expected from sequence similarity: Human



EB05677 staining ( $1\mu g/ml$ ) of Human Muscle Iysate (RIPA buffer,  $30\mu g$  total protein per lane). Detected by chemiluminescence.



EB05677 (10 $\mu$ g/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.