

## Goat anti-H11 / HSP22 Antibody

Item Number	dAP-0157
Target Molecule	Principle Name: H11 / HSP22; Official Symbol: HSPB8; All Names and Symbols: 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 musc; Accession Number (s): NP_055180.1; Human Gene ID(s): 26353; Non-Human GeneID(s):
Immunogen	NELPQDSQEVCT, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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.
IHC	
Reference	Reference(s): Benndorf R, Sun X, Gilmont RR, Biederman KJ, Molloy MP, Goodmurphy CW, Cheng H, Andrews PC, Welsh MJ. HSP22, a new member of the small heat shock protein superfamily, interacts with mimic of phosphorylated HSP27 ((3D)HSP27). J Biol Chem. 2001 Jul 20;276(29):26753-61.. PMID: 11459312

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**