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Datasheet for ABIN184852
anti-HSPB8 antibody (C-Term)

3 Images

Overview

Quantity:	100 µg
Target:	HSPB8
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HSPB8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	H11 / HSP22
Immunogen:	Peptide with sequence NELPQDSQEV TCT, from the C Terminus of the protein sequence according to NP_055180.1.
Sequence:	NELPQDSQEV TCT
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

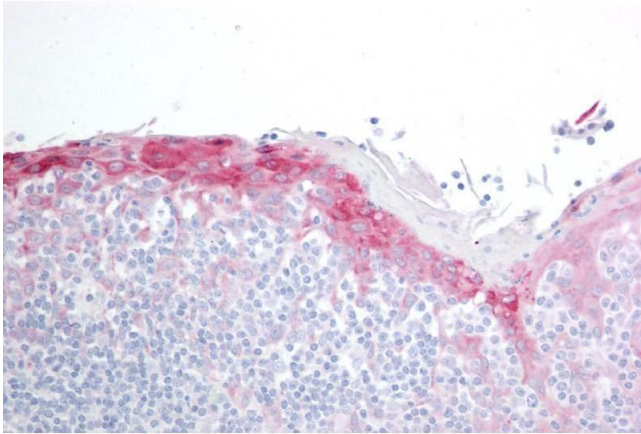
Target:	HSPB8
Alternative Name:	HSPB8 (HSPB8 Products)
Background:	HSPB8, heat shock 22 kDa protein 8, CMT2L, DHMN2, E2IG1, H11, HMN2, HMN2A, HSP22, Charcot-Marie-Tooth disease, spinal, heat shock 27 kDa protein 8, hereditary motor neuropathy, distal, protein kinase H11, small stress protein-like protein HSP22, spinal musc
Gene ID:	26353
NCBI Accession:	NP_055180

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Adrenal Gland and Tonsil. Recommended concentration: 10 µg/mL. Western Blot: Approx 20-25 kDa band seen in Human Skeletal Muscle lysate [Predicted MW of approx. 22 kDa according to NP_055180]. Recommended for use at 0.5-1 µg/mL. Primary incubated for 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

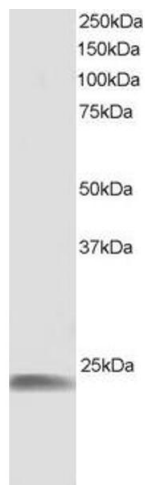
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



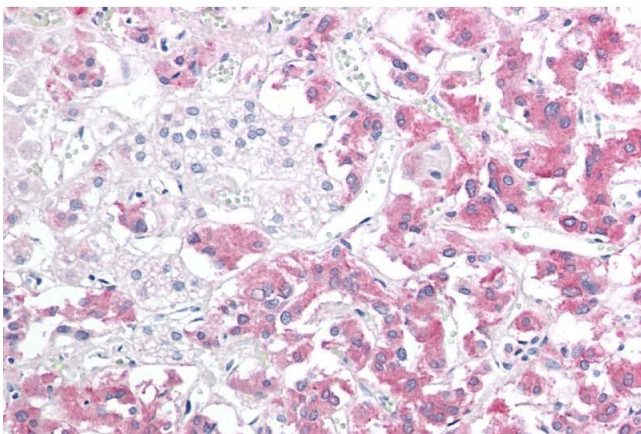
Immunohistochemistry

Image 1. ABIN184852 (10 μ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN184852 staining (1 μ g/ml) of human muscle lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry

Image 3. ABIN184852 (10 μ g/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.