

Datasheet for ABIN702445
anti-HSPB8 antibody (AA 101-196)

2 Images



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Overview

Quantity:	100 µL
Target:	HSPB8
Binding Specificity:	AA 101-196
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPB8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSP22
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HSPB8
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Target Details

Alternative Name: Hsp22 ([HSPB8 Products](#))

Background: Synonyms: CMT2L, CRYAC, DHMN 2, DHMN2, E2 induced gene 1 protein, E2IG1, H11, Heat shock 22 kDa protein 8, Heat shock protein 22, Heat shock protein beta 8, Hereditary motor neuropathy distal, HMN 2, HMN2, HSB8, HSPB 8, HSPB8, Protein kinase H11, Small stress protein like protein HSP22, Spinal muscular atrophy distal adult autosomal dominant, Alpha crystallin C chain, Charcot Marie Tooth disease axonal type 2L, Charcot Marie Tooth disease spinal.

Background: Hsp22 (HSPB8) is a 196-amino acid protein that contains a central portion homologous to a highly conserved HSP-alpha crystallin domain common to all the small heat shock protein (HSP20) family members. Hsp22 is a monomeric protein which interacts with HSPB1. It displays temperature-dependent chaperone activity. The highest abundance of Hsp22 is in skeletal muscle, heart, and placenta. Mutations in the HSPB8 gene are associated with the inherited peripheral neuropathies, autosomal dominant distal hereditary motor neuropathy type IIA (dSMA) and axonal Charcot-Marie-Tooth disease type 2L (CMT2L).

Gene ID: 26353

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

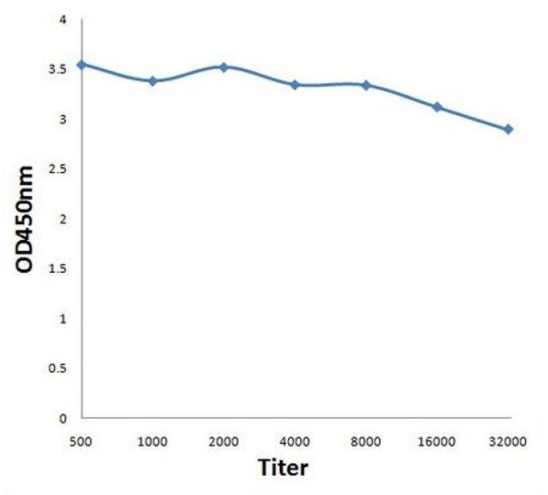
handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

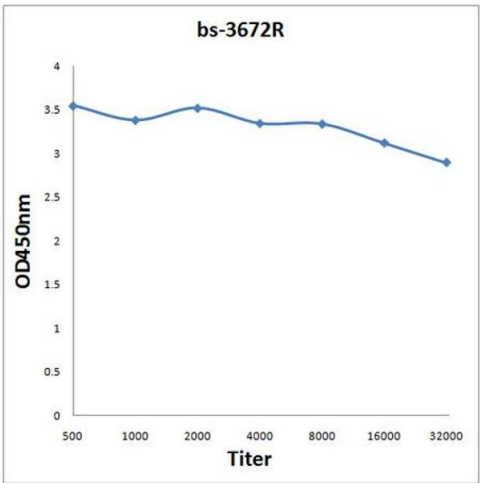
Expiry Date: 12 months

Images



ELISA

Image 1. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000, TMB staining Read the data in Microplate Reader by 450nm,



ELISA

Image 2. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in Microplate Reader by 450nm