

Datasheet for ABIN5516363  
**anti-HSPB2 antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	HSPB2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPB2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human HSPB2
Sequence:	RLGEQRFEGEG LLPEEILTPT LYHGYYVRPR AAPAGEGSRA GASELRLSEG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against HSPB2. It was validated on Western Blot.
Purification:	Affinity purified

## Target Details

Target:	HSPB2
Alternative Name:	HSPB2 ( <a href="#">HSPB2 Products</a> )

## Target Details

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Background:	<p>The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function.</p> <p>Alias Symbols: HSPB2,</p> <p>Protein Interaction Partner: CRYAB, TGFB111, CFTR, UBE2I, SNCA, DAXX, CRYGC, CRYAA, UBC, EIF4E, TNF, HNRNPD, HSF1, CLK4, HSPB3, RPS6KA5, DMPK, AR, TRAF6, TRAF2, HSPB8, MAPKAPK5, HSPB2, UBL5,</p> <p>Protein Size: 182</p>
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Gene ID:	3316
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NCBI Accession:	<a href="#">NP_001532</a>
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UniProt:	<a href="#">Q16082</a>
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## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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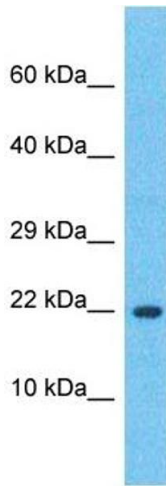
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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### Western Blotting

**Image 1.** Host: Rabbit Target Name: HSPB2 Sample Type: HeLa Whole Cell lysates Antibody Dilution: 1.0ug/ml