

Datasheet for ABIN2783258
anti-HSPB2 antibody (Middle Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HSPB2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Horse, Rabbit
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 middle region of human HSPB2
Sequence:	VRAALSHDGI LNLEAPRGGR HLDTEVNEVY ISLLPAPPDP EEEEEAAIVE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HSPB2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HSPB2
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Target Details

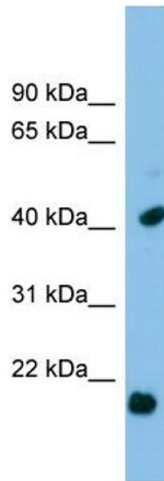
Alternative Name:	HSPB2 (HSPB2 Products)
Background:	<p>The function of this protein remains unknown.</p> <p>Alias Symbols: HSP27, Hs.78846, LOH11CR1K, MGC133245, MKBP</p> <p>Protein Interaction Partner: CRYAB, TGFB1I1, CFTR, UBE2I, SNCA, DAXX, CRYGC, CRYAA, UBC, EIF4E, TNF, HNRNPD, HSF1, CLK4, HSPB3, RPS6KA5, DMPK, AR, TRAF6, TRAF2, HSPB8, MAPKAPK5, HSPB2, UBL5,</p> <p>Protein Size: 182</p>
Molecular Weight:	20 kDa
Gene ID:	3316
NCBI Accession:	NM_001541 , NP_001532
UniProt:	Q16082

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 182 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.



Western Blotting

Image 1. WB Suggested Anti-HSPB2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: ACHN cell lysate HSPB2 is supported by BioGPS gene expression data to be expressed in ACHN