

## Datasheet: VPA00497KT

<b>Description:</b>	DNAJB6 ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	DNAJB6
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 Westerns

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid.
<b>Preparation</b>	20µl Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 2% Sucrose.
<b>Immunogen</b>	Synthetic peptide directed towards the N terminal region of human DNAJB6
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">O75190</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

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<b>Synonyms</b>	HSJ2, MRJ, MSJ1
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<b>Specificity</b>	<p><b>Rabbit anti Human DNAJB6 antibody</b> recognizes the DnaJ homolog subfamily B member 6, also known as DnaJ-like 2 protein, dnaJ homolog subfamily B member 6, heat shock protein J2 or limb girdle muscular dystrophy 1D (autosomal dominant).</p> <p>The DNAJB6 gene encodes a member of the DNAJ protein family. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. This family member may also play a role in polyglutamine aggregation in specific neurons (<a href="#">Kakkar <i>et al.</i> 2016</a>). Alternative splicing of DNAJB6 results in multiple transcript variants; however, not all variants have been fully described (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human DNAJB6 antibody detects a band of 37 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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<b>Western Blotting</b>	Anti DNAJB6 detects a band of approximately 37 kDa in HeLa cell lysates.
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<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> .
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<b>Lysate Composition</b>	400µg HeLa lysate lyophilized in RIPA buffer.
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<b>Lysate Reconstitution</b>	<p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
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<b>Storage</b>	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
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<b>Guarantee</b>	As supplied, 12 months from date of despatch.
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<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 #10561 available at: Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a> Lysate Material (10561): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</a>
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<b>Regulatory</b>	For research purposes only.
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## Related Products

## Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South** Tel: +1 800 265 7376

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