

Datasheet: VPA00897

BATCH NUMBER 180704

Description:	RABBIT ANTI HEAT SHOCK PROTEIN 60
Specificity:	HEAT SHOCK PROTEIN 60
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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.

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

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography on immunogen

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide

<50% Glycerol

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
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Immunogen	Recombinant protein of human heat shock protein 60
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External Database Links	UniProt: P10809 Related reagents
	Entrez Gene: 3329 HSPD1 Related reagents

Synonyms	HSP60
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Specificity	<p>Rabbit anti Human heat shock protein 60 antibody recognizes heat shock protein 60 also known as 60 kDa chaperonin, HSPD1, HSP60, GROEL and mitochondrial matrix protein P1.</p> <p>This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Several pseudogenes have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13 (provided by RefSeq, Jun 2010).</p> <p>Rabbit anti Human heat shock protein 60 antibody detects a band of 60 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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Western Blotting	Anti heat shock protein 60 antibody recognizes a band of approximately 60 kDa in HeLa cell lysates
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Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
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Guarantee	12 months from date of despatch
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Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/VPA00897 10049
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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