

Datasheet: VPA00276

Description:	RABBIT ANTI Hsc70
Specificity:	Hsc70
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
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.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Ig fraction - liquid
Preparation	Rabbit Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 82-110 of human Hsc70
External Database Links	UniProt: P11142 Related reagents Entrez Gene: 3312 HSPA8 Related reagents
Synonyms	HSC70, HSP73, HSPA10

Specificity

Rabbit anti Human Hsc70 antibody recognizes Hsc70 also known as HSPA8, HSC71, N-myristoyltransferase inhibitor protein 71, constitutive heat shock protein 70, epididymis luminal protein 33, epididymis secretory sperm binding protein Li 72p, heat shock 70kd protein 10, heat shock cognate protein 54 and lipopolysaccharide-associated protein 1.

The Hsc70 gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for Hsc70 (provided by RefSeq, Aug 2011).

Rabbit anti Human Hsc70 protein antibody detects a band of 75 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti Hsc70 detects a band of approximately 75 kDa in HEK293 cell lysate

Instructions For Use

Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Shelf Life

As supplied, 12 months from date of despatch

Acknowledgements

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Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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