

Datasheet: VPA00704

Description:	RABBIT ANTI 14-3-3 THETA
Specificity:	14-3-3 THETA
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

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	<p>Reacts with: Mouse</p> <p>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.</p>
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered glycine
Preservative Stabilisers	<p>0.01% Thiomersal</p> <p><50% Glycerol</p>
Immunogen	Recombinant protein encompassing part of the middle region of human 14-3-3 theta

External Database**Links****UniProt:**[P27348](#)[Related reagents](#)**Entrez Gene:**[10971](#)

YWHAQ

[Related reagents](#)

Specificity

Rabbit anti Human 14-3-3 theta antibody recognizes the 14-3-3 protein theta, also known as 14-3-3 protein T-cell, 14-3-3 protein tau, 14-3-3 protein theta, or tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide.

The YWHAQ gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse and rat orthologs. YWHAQ is upregulated in patients with amyotrophic lateral sclerosis. It contains in its 5' UTR a 6 bp tandem repeat sequence which is polymorphic, however, there is no correlation between the repeat number and the disease (provided by RefSeq, Jul 2008).

Rabbit anti Human 14-3-3 theta antibody detects a band of 28 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Rabbit anti 14-3-3 theta detects a band of approximately 28 kDa in HEK293 cell lysates

Storage

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

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information

Material Safety Datasheet documentation #20357 available at: Antibody (20357): <https://www.bio-rad-antibodies.com/uploads/MSDS/20357.pdf>

Regulatory

For research purposes only

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](https://www.bio-rad-antibodies.com/datasheets)

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Printed on 22 Mar 2021