

Datasheet: VPA00914

Description:	RABBIT ANTI 14-3-3 ZETA/DELTA
Specificity:	14-3-3 ZETA/DELTA
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 on immunogen
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<p>0.09% Sodium Azide</p> <p><50% Glycerol</p>
Immunogen	Synthetic peptide of human 14-3-3 zeta/delta

External Database**Links****UniProt:**[P63104](#)[Related reagents](#)**Entrez Gene:**[7534](#)

YWHAZ

[Related reagents](#)

Specificity

Rabbit anti Human 14-3-3 zeta/delta antibody recognizes the 14-3-3 zeta/delta, also known as 14-3-3 protein/cytosolic phospholipase A2, protein kinase C inhibitor protein 1, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein-delta polypeptide, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta polypeptide.

The YWHAZ 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, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for YWHAZ (provided by RefSeq, Oct 2008).

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

Western Blotting

Anti 14-3-3 zeta/delta antibody recognizes a band of approximately 28 kDa in A431 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 #10049 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00914>
10049

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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