

Datasheet: VPA00376

BATCH NUMBER 160411

| | |
|----------------------|------------------------|
| Description: | RABBIT ANTI 14-3-3 ETA |
| Specificity: | 14-3-3 ETA |
| 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

Reacts with: 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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
2% Sucrose

Immunogen Synthetic peptide corresponding to the N-terminal region of human 14-3-3 eta

External Database

Links

UniProt:

[Q04917](#)

[Related reagents](#)

Entrez Gene:

[7533](#)

YWHAH

[Related reagents](#)

Synonyms

YWHA1

Specificity

Rabbit anti Human 14-3-3 eta antibody recognizes 14-3-3 eta, also known as tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein and ETA polypeptide.

Encoded by the YWHAH gene, 14-3-3 eta 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 bovine orthologs. YWHAH contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder (provided by RefSeq, Jun 2009).

Rabbit anti Human 14-3-3 eta antibody detects a band of 27 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti 14-3-3 ETA detects a band of approximately 27 kDa in PC-12 cell lysate

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 #10045 available at:

<https://www.bio-rad-antibodies.com/SDS/VPA00376>

Antibody (10045)

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

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