

Datasheet: VPA00052

Description:	GOAT ANTI RADIXIN
Specificity:	RADIXIN
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: 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	Goat polyclonal antibody purified by affinity chromatography.
Buffer Solution	TRIS buffered saline.
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Immunogen	Peptide sequence C-QARDETKKTQND from the internal region of radixin.

UniProt:

[P35241](#)

[Related reagents](#)

Entrez Gene:

[5962](#)

RDX

[Related reagents](#)

Specificity

Goat anti Human radixin antibody recognizes human radixin, a 583 amino acid inner leaf cell membrane protein bearing a single FERM domain. Radixin is a member of the ezrin, radixin, moesin (ERM) protein family. It is involved in cytoskeletal anchoring playing a crucial role as a linker protein between the plasma membrane and the barbed end of the actin cytoskeleton ([Salles *et al.* 2013](#)).

Radixin shares high sequence homology with both ezrin and moesin, and demonstrates a high concentration at cell-to-cell adherens junctions, and at cleavage furrows during cytokinesis ([Tsukita *et al.* 1989](#)).

Goat anti Human radixin recognizes radixin as a single band of 80 kDa in a range of human cell line lysates tested cell lysates. Cross reactivity with rodent cell lines is also observed.

Western Blotting

Goat anti radixin detects a band of approximately 80 kDa in K562 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 #10058 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00052>
Antibody (10058)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [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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