

## Datasheet: VPA00052

<b>Description:</b>	GOAT ANTI RADIXIN
<b>Specificity:</b>	RADIXIN
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse, Rat</p> <p><b>N.B.</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>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Goat polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	<p>0.02% Sodium Azide (NaN<sub>3</sub>)</p> <p>0.5% Bovine Serum Albumin</p>
<b>Immunogen</b>	Peptide sequence C-QARDETKKTQND from the internal region of radixin.

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**External Database****Links****UniProt:**

[P35241](#)    [Related reagents](#)

**Entrez Gene:**

[5962](#)    RDX    [Related reagents](#)

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**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 studies have shown a high concentration of radixin at cell-to-cell adherens junctions (AJ), 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.

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**Western Blotting**

Goat anti radixin detects a band of approximately 80 kDa in K562 cell lysates.

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**Storage**

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

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

Material Safety Datasheet documentation #10058 available at:  
Antibody (10058): <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

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**Regulatory**

For research purposes only

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## 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)

'M370457:200529'

Printed on 29 Aug 2021

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