

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Peptide sequence C-QARDETCKKTQND from the internal region of radixin.
External Database Links	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,
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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.

Western Blotting	Goat anti radixin detects a band of approximately 80 kDa in K562 cell lysates.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [HRP](#)

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