

Datasheet: VPA00052KT

Description:	RADIXIN ANTIBODY WITH CONTROL LYSATE
Specificity:	RADIXIN
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	2 Westerns

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	<p>Reacts with: Mouse, Rat</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	20µl Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	<p>0.02% Sodium Azide (NaN₃)</p> <p>0.5% Bovine Serum Albumin</p>
Immunogen	Peptide sequence C-QARDETKKTQND from the internal region of radixin.

External Database Links	UniProt: P35241 Related reagents
	Entrez Gene: 5962 RDX Related reagents
Specificity	<p>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).</p> <p>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).</p> <p>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.</p>
Western Blotting	<p>Goat anti radixin detects a band of approximately 80 kDa in K562 cell lysates.</p>
Instructions For Use	<p>Please refer to the PrecisionAb western blotting protocol. For additional information on secondary antibody dilution and exposure time see product web page.</p>
Lysate Composition	<p>400µg K562 lysate lyophilized in RIPA buffer.</p>
Lysate Reconstitution	<ul style="list-style-type: none"> - If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
Storage	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
Guarantee	<p>As supplied, 12 months from date of despatch.</p>
Acknowledgements	<p>PrecisionAb™ is a trademark of Bio-Rad Laboratories.</p>
Health And Safety Information	<p>Material Safety Datasheet documentation #10058 #10561 available at: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</p>

Related Products

Recommended Secondary Antibodies

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

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