

Datasheet: AHP1401

Description:	GOAT ANTI HUMAN RADIXIN
Specificity:	RADIXIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			1/4000
Immunoprecipitation			■	
Western Blotting	■			1.0 - 3.0ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Reacts with: Rat, Mouse Based on sequence similarity, is expected to react with: Dog N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human radixin was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Peptide sequence C-QARDETKKTQND from the internal region of radixin (NP_002897.1).

**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, a member of the ezrin, radixin, moesin (ERM) protein family. Radixin 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](#)).

Western Blotting

AHP1401 detects a band of approximately 80kDa in human spleen, tonsil and lymph node cell lysates.

Further Reading

1. Tsukita, S. & Yonemura, S. (1997) ERM (ezrin/radixin/moesin) family: from cytoskeleton to signal transduction. [Curr Opin Cell Biol. 9 \(1\): 70-5.](#)

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10058 available at:
<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...) [FITC](#), [HRP](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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