

Datasheet: VPA00725KT

Description:	ARPC2 ANTIBODY WITH CONTROL LYSATE
Specificity:	ARPC2
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	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	20µl Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered glycine
Preservative Stabilisers	0.01% Thiomersal <50% Glycerol
Immunogen	Recombinant protein encompassing part of the middle region of human ARPC2
External Database Links	<p>UniProt: O15144 Related reagents</p> <p>Entrez Gene: 10109 ARPC2 Related reagents</p>
Synonyms	ARC34

Specificity **Rabbit anti Human ARPC2 antibody** recognizes the actin-related protein 2/3 complex subunit 2, also known as arp2/3 complex 34 kDa subunit.

The ARPC2 gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by ARPC2, the p34 subunit, has yet to be determined. Two alternatively spliced variants have been characterized to date. Additional alternatively spliced variants have been described but their full length nature has not been determined (provided by RefSeq, Jul 2008).

Rabbit anti Human ARPC2 antibody detects a band of 34 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Rabbit anti ARPC2 detects a band of approximately 34 kDa in HeLa 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.

Lysate Composition 400µg HeLa lysate lyophilized in RIPA buffer.

Lysate Reconstitution - 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.
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.

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

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.

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 #20357 #10561 available at:
Antibody (20357): <https://www.bio-rad-antibodies.com/uploads/MSDS/20357.pdf>
Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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