

Datasheet: VPA00028KT

Description:	PPP2R5D ANTIBODY WITH CONTROL LYSATE
Specificity:	PPP2R5D
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, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	20µl Goat polyclonal antibody purified by ammonium sulfate precipitation followed by antigen affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Peptide sequence C-KRAEEFLTASQEAL from the C-terminal region of PPP2R5D
External Database Links	<p>UniProt: Q14738 Related reagents</p> <p>Entrez Gene: 5528 PPP2R5D Related reagents</p>
Specificity	Goat anti Human PPP2R5D antibody recognizes human serine/threonine-protein phosphatase 2A

56 kDa regulatory subunit delta isoform, also known as PPP2R5D, PP2A B subunit isoform B56-delta or PP2A B subunit isoform PR61-delta. PPP2R5D is a 602 amino acid phosphatase. Three isoforms of PPP2R5D are generated by alternative splicing ([Tanabe et al. 1997](#)), all isoforms retain the C terminal region. Isoform-1 is widely expressed while isoform-2 is restricted to the brain.

Goat anti Human PPP2R5D antibody recognizes human PPP2R5D as a band of ~75 kDa in multiple cell line lysates by western blotting under reducing conditions. The antibody also cross reacts with PPP2R5D from rodent cell line lysates tested.

Western Blotting	Anti PPP2R5D antibody detects a band of approximately 75 kDa in HEK293 cell lysates.
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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.
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Lysate Composition	400µg HEK293 lysate lyophilized in RIPA buffer.
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Lysate Reconstitution	- If using DDT reconstitute the lyophilized lysate with 190µl DI H ₂ O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H ₂ O, 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.
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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.
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Shelf Life	As supplied, 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 #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
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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