

Datasheet: VPA00831KT

Description:	PSMD5 ANTIBODY WITH CONTROL LYSATE
Specificity:	PSMD5
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
Product Form	Purified IgG - liquid
Preparation	20µl Rabbit polyclonal antibody purified by affinity chromatography on immunogen
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	<50% Glycerol
Immunogen	Recombinant protein of human PSMD5
External Database Links	<p>UniProt: Q16401 Related reagents</p> <p>Entrez Gene: 5711 PSMD5 Related reagents</p>
Synonyms	KIAA0072
Specificity	Rabbit anti Human PSMD5 antibody recognizes PSMD5, also known as Ras-related protein Rab-25 and S5B.

RAB proteins, such as RAB25, are members of the RAS superfamily of small GTPases that are involved in membrane trafficking. Members of the RAB11 subfamily, including RAB25, control the return of internalized membrane-associated moieties to the cell surface ([Caswell et al., 2007](#)) (supplied by OMIM, Aug 2009).

Rabbit anti Human PSMD5 antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti PSMD5 antibody recognizes a band of approximately 50 kDa in HepG2 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 HepG2 lysate lyophilized in RIPA buffer
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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. 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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Guarantee	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 #20359 #10561 available at: Antibody (20359): https://www.bio-rad-antibodies.com/uploads/MSDS/20359.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

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

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