

Datasheet: VPA00545KT

Description:	VAV2 ANTIBODY WITH CONTROL LYSATE
Specificity:	VAV2
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.
Buffer Solution	TRIS buffered saline.
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin.
Immunogen	Peptide sequence ETEAKYYRTLEDIEC

External Database Links

UniProt:

[P52735](#) [Related reagents](#)

Entrez Gene:

[7410](#) VAV2 [Related reagents](#)

Specificity

Goat anti Human VAV2 antibody recognizes the guanine nucleotide exchange factor VAV2.

VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is expressed exclusively in hematopoietic cells, VAV2 transcripts were found in most tissues. Alternatively spliced transcript variants encoding different isoforms have been found

for VAV2 (provided by RefSeq, Aug 2008).

Goat anti Human VAV2 antibody detects a band of 100 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti VAV2 detects a band of approximately 100 kDa in MCF-7 cell lysates.
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Instructions For Use	Please refer to the PrecisionAb western blotting protocol .
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Lysate Composition	400µg MCF-7 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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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 #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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