

Datasheet: AHP2720

BATCH NUMBER 148098

Description:	RABBIT ANTI VAV3
Specificity:	VAV3
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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	▪			1/200 - 1/2000

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: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to VAV3 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.02% Sodium Azide
50% Glycerol

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 560-680 of human VAV3

External Database Links

UniProt:

[Q9UKW4](#) [Related reagents](#)

Entrez Gene:

[10451](#) VAV3 [Related reagents](#)

Specificity

Rabbit anti VAV3 antibody recognizes guanine nucleotide exchange factor, also known as VAV-3. It belongs to the VAV family of proteins; the main function of VAV proteins is to work as guanosine nucleotide exchange factors (GEFs) for members of the Rho GTPase family ([Bustelo 2014](#)). VAV3 was initially detected in expressed sequence tag (EST) libraries ([Movilla and Bustelo 1999](#)). It mediates receptor protein tyrosine kinase signaling ([Zeng et al. 2000](#)). Protein overexpression of VAV3 has been reported in several types of human cancer, including breast cancer ([Lee et al. 2008](#)) and prostate cancer ([Dong et al. 2006](#)).

Western Blotting

Rabbit anti VAV3 antibody detects a band of approximately 105 kDa in Jurkat cell lysate and mouse tissue lysates under reducing conditions

Storage

Store at -20°C
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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10049 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP2720>
10049

Regulatory

For research purposes only

Related Products

North & South America	Tel: +1 800 265 7376 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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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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