

## Datasheet: AHP2720

**BATCH NUMBER 165054**

<b>Description:</b>	RABBIT ANTI VAV3
<b>Specificity:</b>	VAV3
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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

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**External Database Links**

**UniProt:**

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

**Entrez Gene:**

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

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**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](#)).

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**Western Blotting**

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

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**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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

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

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**Regulatory**

For research purposes only

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## Related Products

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