

## Datasheet: AHP2036

<b>Description:</b>	GOAT ANTI HUMAN VDAC2 (C-TERMINAL)
<b>Specificity:</b>	VDAC2 (C-TERMINAL)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1:64000
Immunoprecipitation			▪	
Western Blotting	▪			0.3 - 1.0ug/ml

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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Rat Based on sequence similarity, is expected to react with: Mouse, Bovine, Dog, Pig <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to human VDAC2 (CT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Synthetic peptide sequence C-GHKVGLALELEA from the C-terminal region of VDAC2 (NP_003366.2).

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**External Database****Links****UniProt:**

[P45880](#)   [Related reagents](#)

**Entrez Gene:**

[7417](#)   VDAC2   [Related reagents](#)

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**Specificity**

**Goat anti Human VDAC2 antibody** recognizes human Voltage-dependent anion-selective channel protein 2 also known as VDAC-2 or Outer mitochondrial membrane protein porin 2. VDAC2 is a 293 amino acid, ~32 kDa outer mitochondrial wall porin, facilitating transmembrane transport of small hydrophilic molecules.

Three isoforms of VDAC2 generated by alternative splicing have been described. Goat anti Human VDAC2 antibody (AHP2036) is expected to bind all described isoforms of human VDAC2 ([UniProt : P45880](#)).

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**Western Blotting**

AHP2036 detects a band of approximately 30kDa in human brain and testis cell lysates.

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**Storage**

Store at +4°C or at -20°C if preferred.

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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**Shelf Life**

18 months from date of despatch.

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**Health And Safety Information**

Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10058 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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