

Datasheet: 9536-0004

**BATCH NUMBER 1801**

<b>Description:</b>	RABBIT ANTI ARG-VASOPRESSIN
<b>Specificity:</b>	ARG-VASOPRESSIN
<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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/2000 - 1/20,000
Immunofluorescence	▪			

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 the appropriate negative/positive controls.

### Species Cross Reactivity

Based on sequence similarity, is expected to react with: Broad

**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

### Preparation

Purified IgG prepared by affinity chromatography on Protein G

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

### Approx. Protein

5.0 mg/ml

## Concentrations

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**Immunogen** Synthetic arginine vasopressin conjugated to bovine thyroglobulin

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## External Database Links

**UniProt:**

[P01185](#)   [Related reagents](#)

**Entrez Gene:**

[551](#) AVP   [Related reagents](#)

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**Synonyms** ARVP, VP

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**RRID** AB\_620725

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**Specificity** **Rabbit anti arg-vasopressin antibody** is specific for arginine vasopressin, also known as antidiuretic hormone.

Arginine vasopressin, is a nine amino acid peptide secreted from the posterior pituitary in response to reductions in plasma volume and increases in plasma osmolarity. Its release triggers water reabsorption due to the insertion of aquaporins in the membranes of kidney tubules which transport solute-free water through tubular cells and back into the blood.

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## Histology Positive Control Tissue

Hypothalamus and posterior lobe of the pituitary gland

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## References

1. Radotra, B. *et al.* (2010) Primary sellar neuroblastoma presenting with syndrome of inappropriate secretion of anti-diuretic hormone. [Endocr Pathol. 21: 266-73.](#)

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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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**Guarantee** 12 months from date of despatch

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## Health And Safety Information

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/9536-0004>  
10040

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)   [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

## Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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://bio-rad-antibodies.com/datasheets)  
'M363581:200528'

Printed on 12 Aug 2023

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