

Datasheet: 0480-0404

**BATCH NUMBER 1809**

<b>Description:</b>	SHEEP ANTI HUMAN AMYLASE (SALIVARY)
<b>Specificity:</b>	AMYLASE (SALIVARY)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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	▪			1/20 - 1/200
Immunohistology - Paraffin			▪	
ELISA	▪			1/500 - 1/3000
Western Blotting			▪	

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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Pig

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

**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 human salivary amylase was raised by repeated immunisation of sheep with highly purified antigen.

Purified IgG was prepared from whole serum by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml
<b>Immunogen</b>	Highly pure human salivary amylase.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P04745</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">278</a>    AMY1C    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	AMY1
<b>RRID</b>	AB_620383
<b>Specificity</b>	<p><b>Sheep anti Human amylase (salivary) antibody</b> recognizes salivary amylase, formally known as ptyalin, an alpha-amylase digestive enzyme and member of the glycosyl hydrolase 13 family, which breaks down insoluble starch into soluble starches (dextrins) and maltose.</p> <p>Sheep anti Human Amylase (Salivary) antibody also recognizes porcine amylase (50%) and weakly fungal (<i>Aspergillus</i> spp.) amylase (10%).</p>
<b>References</b>	1. Bachman, D.E. <i>et al.</i> (2015) Prospective diagnostic accuracy evaluation and clinical utilization of a modified assay for platelet-associated immunoglobulin in thrombocytopenic and nonthrombocytopenic dogs. <a href="#">Vet Clin Pathol. Aug 24. [Epub ahead of print]</a>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/0480-0404">https://www.bio-rad-antibodies.com/SDS/0480-0404</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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)

'M362855:200528'

**Printed on 19 Feb 2025**

---

© 2025 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)