

Datasheet: 0480-0404

BATCH NUMBER 148611

Description:	SHEEP ANTI HUMAN AMYLASE (SALIVARY)
Specificity:	AMYLASE (SALIVARY)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Highly pure human salivary amylase.
External Database Links	<p>UniProt: P04745 Related reagents</p> <p>Entrez Gene: 278 AMY1C Related reagents</p>
Synonyms	AMY1
RRID	AB_620383
Specificity	<p>Sheep anti Human amylase (salivary) antibody 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>
References	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. Vet Clin Pathol. Aug 24. [Epub ahead of print]
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/0480-0404 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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

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