

Datasheet: 0480-0404

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
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Species Cross Reactivity	<p>Reacts with: Pig</p> <p>Based on sequence similarity, is expected to react with: Fungal</p> <p>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.</p>
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Product Form	Purified IgG - liquid
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Antiserum Preparation	<p>Antiserum to human salivary amylase was raised by repeated immunisation of sheep with highly purified antigen.</p> <p>Purified IgG was prepared from whole serum by affinity chromatography.</p>
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Buffer Solution	Phosphate buffered saline
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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>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</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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