

Sheep AMYLASE Polyclonal Antibody | anti-AMY1B antibody

SHEEP ANTI HUMAN AMYLASE (SALIVARY)

CATALOG # AAA49861	HOST Sheep	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

AMYLAse; Polyclonal Antibody; SHEEP ANTI HUMAN AMYLASE (SALIVARY); anti-AMY1B antibody

PRODUCT SPECIFICATIONS

Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified liquid ;Phosphate buffered saline
Concentration	IgG concentration 5.0 mg/ml (varies by lot)
Sequence Length	511
Applicable Applications for anti-AMY1B antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
RRID	AB_620383
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Highly pure human salivary amylase.
Antiserum Preparation	Antiserum to human salivary amylase was raised by repeated immunization of sheep with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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.
Preparation and Storage	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. Avoid repeated freezing and thawing as this may denature the antibody.Storage in frost-free freezers is not recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-AMY1B antibody	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. Sheep anti Human Amylase (Salivary) antibody also recognizes porcine amylase (50%) and weakly fungal (Aspergillus spp.) amylase (10%).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56549662
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NCBI GeneID	278
NCBI Accession #	NP_001008219.1
NCBI GenBank Nucleotide #	NM_001008218.1
UniProt Accession #	P04745; Q13763; Q5T083; A6NJS5; A8K8H6
NCBI Official Full Name	alpha-amylase 1
NCBI Official Synonym Full Names	amylase, alpha 1B (salivary)
NCBI Official Symbol	AMY1B
NCBI Official Synonym Symbols	AMY1
NCBI Protein Information	alpha-amylase 1; 1,4-alpha-D-glucan glucanohydrolase 1; amylase, salivary, alpha-1B; glycogenase; salivary alpha-amylase; salivary amylase alpha 1B
UniProt Protein Name	Alpha-amylase 1
UniProt Gene Name	AMY1A
UniProt Synonym Gene Names	AMY1
UniProt Entry Name	AMY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/amylase-antibody-immunohistochemistry-elisa/49861>