

Rabbit Alpha Amylase 1 Polyclonal Antibody | anti-AMY1A antibody

Anti-Alpha Amylase 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45069	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

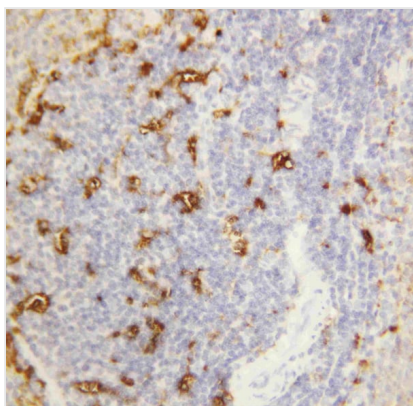
PRODUCT SYNONYMS

Alpha Amylase 1; Polyclonal Antibody; Anti-Alpha Amylase 1 antibody; Alpha-amylase 1; amylase; alpha 1A(salivary); 1 antibody; 4-alpha-D-glucan glucanohydrolase 1 antibody; Alpha-amylase 1 antibody; AMY1_HUMAN antibody; AMY1A antibody; AMY1B antibody; AMY1C antibody; Salivary alpha-amylase antibody; anti-AMY1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	511
Applicable Applications for anti-AMY1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Alpha Amylase 1 (30-44aa HLFIEWRWVDIAECE), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-Alpha Amylase 1 antibody, AAA45069, IHC(P)IHC(P): Rat Spleen Tissue


WB (Western Blot)

Anti-Alpha Amylase 1 antibody, AAA45069, Western blottingLane 1: Rat Liver Tissue LysateLane 2: Rat Intestine Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-AMY1A antibody	Description: Rabbit IgG polyclonal antibody for Alpha-amylase 1(AMY1A) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Amylase is an enzyme that catalyses the breakdown of starch into sugars. Amylase is present in human saliva, where it begins the chemical process of digestion. By in situ hybridization combined with high resolution cytogenetics, the amylase gene is mapped to 1p21. Amylase enzymes find use in bread making and to break down complex sugars such as starch(found in flour) into simple sugars. Yeast then feeds on these simple sugars and converts it into the waste products of alcohol and CO2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1351933
NCBI GeneID	277
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; glycogenase; salivary alpha-amylase; salivary amylase alpha 1B; amylase, salivary, alpha-1B; 1,4-alpha-D-glucan glucanohydrolase 1
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.