

Datasheet for ABIN7433678
anti-AMY1A antibody (AA 15-511)



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2 Images

Overview

Quantity:	100 µL
Target:	AMY1A
Binding Specificity:	AA 15-511
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMY1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Salivary Alpha Amylase (AMY1A)
Immunogen:	Recombinant Salivary Alpha Amylase (AMY1A) corresponding to Ala15~Leu511 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AMY1A. It has been selected for its ability to recognize AMY1A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

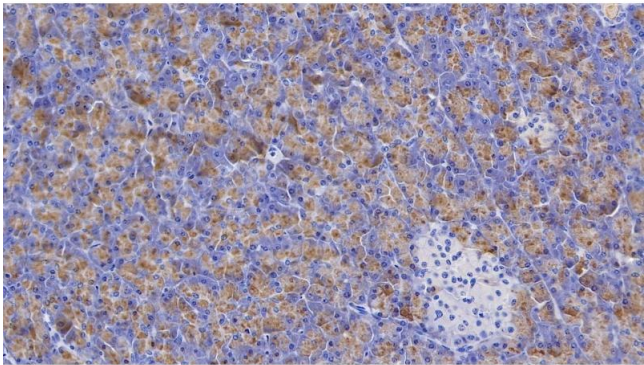
Target:	AMY1A
Alternative Name:	AMY1A (AMY1A Products)
Background:	AMY1, AMY1B, AMY1C, Ptyalin, 1,4-alpha-D-glucan glucanohydrolase 1
UniProt:	P04745

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

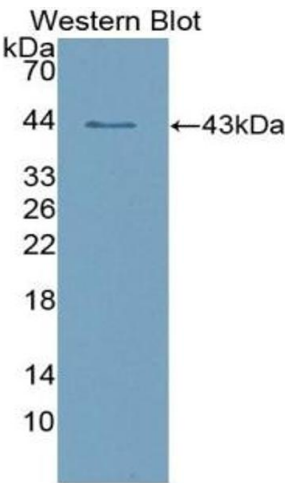
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of AMY1A in Human Pancreas Tissue using Polyclonal Antibody to Salivary Alpha Amylase (AMY1A)



Western Blotting

Image 2. Detection of Recombinant AMY1, Human using Polyclonal Antibody to Salivary Alpha Amylase (AMY1A)