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Datasheet for ABIN752797

anti-Pancreatic Amylase antibody (AA 151-250) (HRP)

Overview

Quantity:	100 µL
Target:	Pancreatic Amylase
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pancreatic Amylase antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Pancreatic Amylase
Isotype:	IgG
Specificity:	This antibody will detect both AMY1A and AMY2A.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Pancreatic Amylase
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Target Details

Abstract:	Pancreatic Amylase Products
Background:	<p>Synonyms: PA, AMY2, Pancreatic alpha-amylase, 1,4-alpha-D-glucan glucanohydrolase, AMY2A</p> <p>Background: Pancreatic amylase is a digestive enzyme secreted by the pancreas. It consists of a single polypeptide chain with a molecular weight of 54 kDa. Pancreatic amylase and salivary amylase are the products of separate genes and, although they share 98 % amino acid sequence homology, they differ in molecular size, isoelectric point and antigenic properties. Measurement of amylase concentrations in serum is a diagnostic test for various pancreatic disorders (especially acute and relapsing pancreatitis).</p>
Gene ID:	279
UniProt:	P04746

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months