

Datasheet for ABIN2178206

anti-Pancreatic Amylase antibody (PE)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Pancreatic Amylase
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pancreatic Amylase antibody is conjugated to PE
Application:	Western Blotting (WB)

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
Abstract:	Pancreatic Amylase Products
Background:	Synonyms: PA, AMY2, Pancreatic alpha-amylase, 1,4-alpha-D-glucan glucanohydrolase, AMY2A

Target Details

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).

Gene ID: 279

UniProt: [P04746](#)

Application Details

Application Notes: FCM: (1:20-100)
Optimal working dilution should be determined by the investigator.

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: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.