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## Datasheet for ABIN7111532 **anti-Amylase, alpha antibody**

### Overview

Quantity:	100 µg
Target:	Amylase, alpha (AMY)
Reactivity:	Human, Rat, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Amylase, alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	amylase, alpha 2A(pancreatic)
Clone:	1C7
Isotype:	IgG2b
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	Amylase, alpha (AMY)
Alternative Name:	Amylase, alpha ( <a href="#">AMY Products</a> )
Background:	Synonyms: AMY2A, Amylase, alpha, Pancreatic alpha amylase Background: The complete human amylase gene contains five intact genes: two pancreatic genes (AMY2A and AMY2B)

## Target Details

and three salivary genes(AMYIA, AMYIB, and AMYIC). AMY2A(Pancreatic alpha-amylase)is also named as PA and is a 56 kDa protein consisting of 496 amino acids in a single polypeptide chain, folded into three domains(PMID:10657258).AMY2A and AMY2B transcripts are present in the human pancreas but not in the parotid salivary gland, while AMY1 transcripts are present in the parotid gland but not in the pancreas(PMID:1692956). This antibody can recognize both AMY1 and AMY2.

Molecular Weight: 58 kDa

UniProt: [P04746](#)

## Application Details

Application Notes: WB: 1:1000-1:4000, IHC: 1:20-1:200, IF: 1:10-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months