

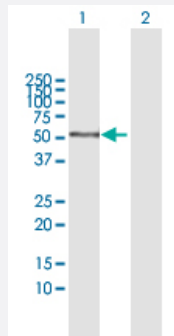
MaxPab®

# AMY1C purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000278-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of AMY1C expression in transfected 293T cell line ([H00000278-T01](#)) by AMY1C MaxPab polyclonal antibody.

Lane 1: AMY1C transfected lysate(56.21 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human AMY1C protein.

### Immunogen

AMY1C (AAI56581.1, 1 a.a. ~ 511 a.a) full-length human protein.

### Sequence

MKLFWLLFTIGFCWAQYSSNTQQGRTSIVHLFEWRWVDIALECERYLAPKGFGGVQVSPPNENV  
AIHNPFRPWWERYQPVS YKLCTRSGNEDEFNMVTRCANNVGVRIVDAVINHMCNAVSAGTSS  
TCGSYFNPGSRDFPAVPYSGWDFNDGKCKTGSGDIENYNDATQVRDCRLSGLLDLALGKD YVR  
SKIAEYMNHLIDIGVAGFRIDASKHMMWPGDIKAILDKLHNLNSNWFPEGSKPFYQEVIDLGGEPIKS  
SDYFGNGRVT EFKYGAKLGT VIRQWNGEKMSYLNWGEWGFMPSDRALVFVDNHDNQRGHG  
AGGASILTFWDARLYKMAVGFM LAHPYGFTRVMSSYRWPRYFENGKDVNDWVGPPNDNGVTKE  
VTINPDTTCGNDWVCEHRWRQIRNMVNFRNVVDGQPFTNWDNGSNQVAFGRGNRGFIVFNND  
DWTFSLTQTGLPAGTYCDVISGDKINGNCTGKIYVSDDGKAHFSISNSAEDPFIAHAESKL

### Host

Mouse

### Reactivity

Human

### Quality Control Testing

Antibody reactive against mammalian transfected lysate.

### Storage Buffer

In 1x PBS, pH 7.4

### Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — AMY1C

Entrez GeneID [278](#)

GeneBank Accession# [BC156580.1](#)

Protein Accession# [AAI56581.1](#)

Gene Name AMY1C

Gene Alias AMY1

Gene Description amylase, alpha 1C (salivary)

Omim ID [104702](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the salivary gland. [provided by RefSeq]

**Other Designations** 1,4-alpha-D-glucan glucanohydrolase|OTTHUMP00000012722|amylase, salivary, alpha-1C|glycogenase|salivary amylase alpha 1C

## Pathway

- [Metabolic pathways](#)

- [Starch and sucrose metabolism](#)