

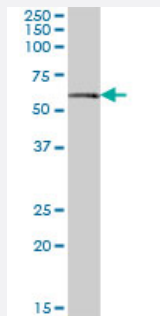
MaxPab®

AMY1B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000277-B01P

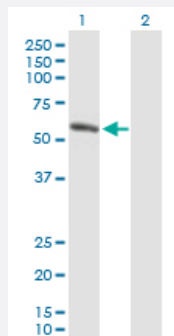
Size 50 ug

Applications



Western Blot (Tissue lysate)

AMY1B MaxPab polyclonal antibody. Western Blot analysis of AMY1B expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of AMY1B expression in transfected 293T cell line ([H00000277-T01](#)) by AMY1B MaxPab polyclonal antibody.

Lane 1: AMY1B transfected lysate(56.21 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AMY1B protein.

Immunogen

AMY1B (NP_001008219.1, 1 a.a. ~ 511 a.a) full-length human protein.

Sequence

MKLFWLLFTIGFCWAQYSSNTQQGRTSIVHLFEWRWVDIALECERYLAPKGFGGVQVSPPNENV
AIHNPFRPWWERYQPVSYKLCSTRSGNEDEFNMVTRCINNNGVRIYVDAVINHMCNGNAVSA
TSS TCGSYFNPGSRDFPAVPYSGWDFNDGKCKTGSGDIENYNDATQVRDCRLSGLLDLALG
KDYVR SKIAEYMNHLIDIGVAGFRIDASKHMWPGDIKAILDKLHNLNSNWFPEGSKPFIYQ
EVIDLGGEPIKS SDYFGNGRVTETFKYGAKLGTVIRKWNGEKMSYLNWGEWGFMPSDRAL
VFVDNHDNQRGHG AGGASILTFWDARLYKMAVGFMALHPYGFTRVMSSYRWPRYFENGKDV
NDWVGPPNDNGVTKE VTINPDTTTCGNDWVCEHRWRQIRNMVNFRNVVDGQPFTNWYDNG
SNQVAFGRGNRGFIVFNND DWTFSLTLQTGLPAGTYCDVISGDKINGNCTGKIYVSDDGKA
HFSISNSAEDPFIAHAESKL

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](#)

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Gene Info — AMY1B

Entrez GeneID	277
GeneBank Accession#	NM_001008218.1
Protein Accession#	NP_001008219.1
Gene Name	AMY1B
Gene Alias	AMY1
Gene Description	amylase, alpha 1B (salivary)
Omim ID	104701
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[OTTHUMP00000012691|amylase, salivary, alpha-1B|glycogenase|salivary amylase alpha 1B]

Pathway

- [Metabolic pathways](#)
- [Starch and sucrose metabolism](#)