

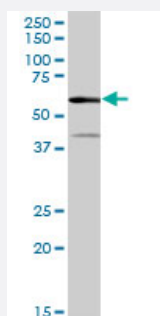
MaxPab®

AMY2A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000279-B01P

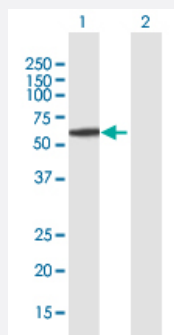
Size 50 ug

Applications



Western Blot (Tissue lysate)

AMY2A MaxPab polyclonal antibody. Western Blot analysis of AMY2A expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of AMY2A expression in transfected 293T cell line ([H00000279-T01](#)) by AMY2A MaxPab polyclonal antibody.

Lane 1: AMY2A transfected lysate(56.21 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AMY2A protein.

Immunogen

AMY2A (NP_000690.1, 1 a.a. ~ 511 a.a) full-length human protein.

Sequence

MKFFLLLTIGFCWAQYSPNTQQGRTSMHLFEWRWVDIALECERYLAPKGFGGVQVSPNENVAI
YNPFRPWWERYQPVS YKLCTRSGNEDEFNMVTRC NNVGVRIYVDAVINHMCGNAV SAGTSSTC
GSYFNPGSRDFPAVPYSGWDFNDGKCKTGSGDIENYNDATQVRDCRLTGLLDLALEKDYVRSKI
AEYMNHLIDIGVAGFRLDASKHMWPGDIKAILDKLHNLNSNWFPAGSKPFIYQEVIDLGGEPIKSSD
YFGNGRVTEFKYGAKLGTVIRKWNGEKMSY LKNWGE GWGFVPSDRALVFVDNHDNQRGHGAG
GASILTFWDARLYKMAVGFM LAHPYGFTRVMSSYRWPRQFQNGNDVNDWVGPPNNNGVIKEVTI
NPD TTCGNDWVCEHRWRQIRNMVIFRNVDGQPF TNWYDNGSNQVAFGRGNRGFVFNDDWS
FSLTLQTGLPAGTYCDVISGDKINGNCTGKIYVSDDGKAHFSISNSAEDPFIAIHAESKL

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
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 — AMY2A

Entrez GeneID	279
GeneBank Accession#	NM_000699.2
Protein Accession#	NP_000690.1
Gene Name	AMY2A
Gene Alias	AMY2, AMY2B, PA
Gene Description	amylase, alpha 2A (pancreatic)
Omim ID	104650
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 pancreas. [provided by RefSeq]

Other Designations

1,4-alpha-D-glucan glucanohydrolase|OTTHUMP00000012694|alpha-amylase|amylase, pancreatic, alpha-2A|found in the pancreas|glycogenase|pancreatic amylase 2A|pancreatic amylase alpha 2A

Pathway

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