

RecomAb™

AMY1A recombinant monoclonal antibody, clone R09-9K8

Catalog # RAB05627 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human AMY1A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against corresponding to human AMY1A.
Theoretical MW (kDa)	Calculated MW: 58 kD
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — AMY1A

Entrez GeneID

[276](#)

Gene Name	AMY1A
Gene Alias	AMY1, AMY1B
Gene Description	amylase, alpha 1A (salivary)
Omim ID	104700
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. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]
Other Designations	1,4-alpha-D-glucan glucanohydrolase OTTHUMP00000012688 alpha-amylase amylase, salivary, alpha-1A glycogenase salivary amylase alpha 1A

Gene Info — AMY1B

Entrez GeneID	277
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

Gene Info — AMY1C

Entrez GeneID	278
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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](#)
- [Metabolic pathways](#)
- [Metabolic pathways](#)
- [Starch and sucrose metabolism](#)
- [Starch and sucrose metabolism](#)
- [Starch and sucrose metabolism](#)