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AMY2A Rabbit pAb

Catalog # AP97980

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P04746
Other Accession	P04746
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57707
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Pancreatic Amylase
Epitope Specificity	151-250/511
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the glycosyl hydrolase 13 family.
SUBUNIT	Monomer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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, Jul 2008].

Additional Information

Gene ID	279
Other Names	AMY2; PA; AMY3; HXA; Amy-X; Amy2-2; Amy2a; mAmy2-1; AMYP_HUMAN; 1, 4-alpha-D-glucan glucanohydrolase; 3.2.1.1; AMY2B_HUMAN; AMY2B; 1, 4-alpha-D-glucan glucanohydrolase 2B; Carcinoid alpha-amylase; AM2A5_MOUSE; Amy2a5; amylase alpha 2A; amylase, alpha 2A; pancreatic; amylase alpha 2A (pancreatic)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	AMY2A
Cellular Location	Secreted, extracellular space.
Tissue Location	Detected in pancreas (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.