

Rabbit AMY2A Polyclonal Antibody | anti-AMY2A antibody

AMY2A Antibody (C-term)

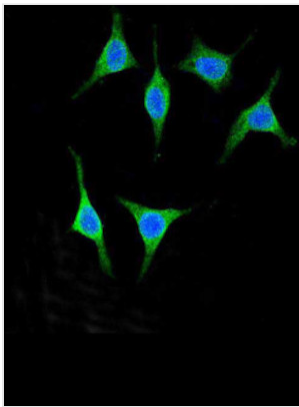
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284877	Rabbit	Human, Mouse (Predicted Reactivity: Pig)	Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

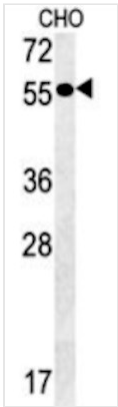
AMY2A; Polyclonal Antibody; AMY2A Antibody (C-term); Pancreatic alpha-amylase; PA; 4-alpha-D-glucan glucanohydrolase; anti-AMY2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse (Predicted Reactivity: Pig)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This AMY2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 484-511 amino acids from the C-terminal region of human AMY2A.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	484-511
Sequence Length	265
Applicable Applications for anti-AMY2A antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Cellular Location	Secreted, extracellular space.
Tissue Location	Detected in pancreas (at protein level).
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of AMY2A Antibody (C-term)(Cat. #AAA284877) with 293 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
AMY2A Antibody (C-term)(Cat. #AAA284877) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the AMY2A antibody detected the AMY2A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AMY2A antibody	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.
Product Categories/Family for anti-AMY2A antibody	Cancer; Metabolism; Signal Transduction
References	Endo, T., et al. Diabetes 58(3):732-737(2009) Baltova, S.D. Folia Med (Plovdiv) 47(1):37-41(2005) Scheil, H.G., et al. Anthropol Anz 62(4):429-434(2004) Numao, S., et al. J. Biol. Chem. 279(46):48282-48291(2004) Baltova, S., et al. Coll Antropol 28 SUPPL 2, 291-295 (2004) : Jacob, M., et al. Biochem. Cell Biol. 70 (10-11), 1105-1114 (1992) : Groot, P.C., et al. Genomics 8(1):97-105(1990) Horii, A., et al. Gene 60(1):57-64(1987) Nishide, T., et al. Gene 41 (2-3), 299-304 (1986) : Kaczmarek, M.J., et al. Clin. Chim. Acta 79(1):69-73(1977)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502085
NCBI GeneID	279
NCBI Accession #	NP_000690.1
NCBI GenBank Nucleotide #	NM_000699.3
UniProt Accession #	P04746; Q9UBH3; B9EJG1
Molecular Weight	57707
NCBI Official Full Name	pancreatic alpha-amylase
NCBI Official Synonym Full Names	amylase, alpha 2A (pancreatic)
NCBI Official Symbol	AMY2A
NCBI Official Synonym Symbols	PA; AMY2
NCBI Protein Information	pancreatic alpha-amylase

UniProt Protein Name	Pancreatic alpha-amylase
UniProt Gene Name	AMY2A
UniProt Synonym Gene Names	PA
UniProt Entry Name	AMYP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/amy2a-antibody-western-blot-immunofluorescence-elisa/284877>