

Rabbit anti-Human AMY2B Polyclonal Antibody | anti-AMY2B antibody

AMY2B Antibody (N-term)

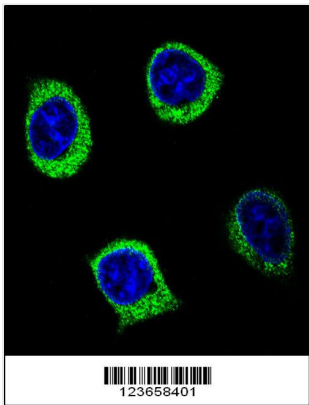
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288442	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

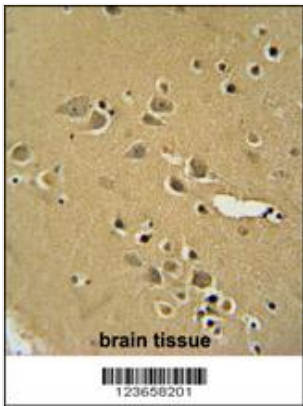
AMY2B; Polyclonal Antibody; AMY2B Antibody (N-term); Alpha-amylase 2B; 4-alpha-D-glucan glucanohydrolase 2B; Carcinoid alpha-amylase; anti-AMY2B antibody

PRODUCT SPECIFICATIONS

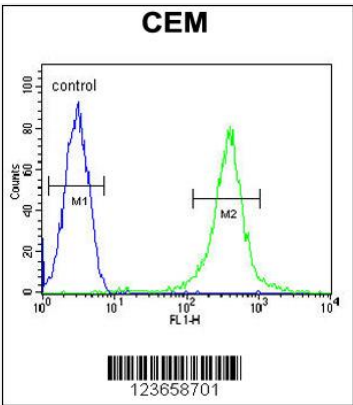
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AMY2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-100 amino acids from the N-terminal region of human AMY2B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	74-100
Sequence Length	370
Applicable Applications for anti-AMY2B antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



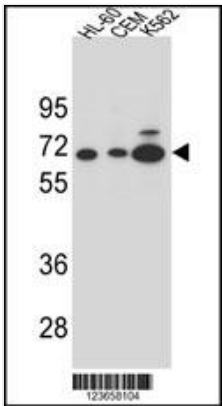
IF (Immunofluorescence)
Confocal immunofluorescent analysis of AMY2B Antibody (N-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
AMY2B antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AMY2B antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
AMY2B Antibody (N-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
AMY2B Antibody (N-term) western blot analysis in HL-60, CEM and K562 cell line lysates (35ug/lane). This demonstrates the AMY2B antibody detected the AMY2B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AMY2B 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-AMY2B antibody	Cancer; Metabolism; Signal Transduction
References	Baltova, S.D. Folia Med (Plovdiv) 47(1):37-41(2005) Fortna, A., et al. PLoS Biol. 2 (7), E207 (2004) : Koyama, I., et al. Clin. Chim. Acta 309(1):73-83(2001) Aughsteen, A.A. Saudi Med J 22(5):410-415(2001) Omichi, K., et al. Biochim. Biophys. Acta 1203(2):224-229(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10280622
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NCBI GeneID	280
NCBI Accession #	NP_066188.1
NCBI GenBank Nucleotide #	NM_020978.4
UniProt Accession #	P19961; Q9UBH3; B3KTI1; B3KXB7; D3DT76
Molecular Weight	57710
NCBI Official Full Name	alpha-amylase 2B
NCBI Official Synonym Full Names	amylase, alpha 2B (pancreatic)
NCBI Official Symbol	AMY2B
NCBI Official Synonym Symbols	HXA; AMY2; AMY3
NCBI Protein Information	alpha-amylase 2B
UniProt Protein Name	Alpha-amylase 2B
UniProt Gene Name	AMY2B
UniProt Entry Name	AMY2B_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/amy2b-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/288442>