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

Anti-AMY2B Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA265293** | **Rabbit** | **Human** | **Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

AMY2B; Polyclonal Antibody; Anti-AMY2B Antibody; anti-AMY2B antibody

## PRODUCT SPECIFICATIONS

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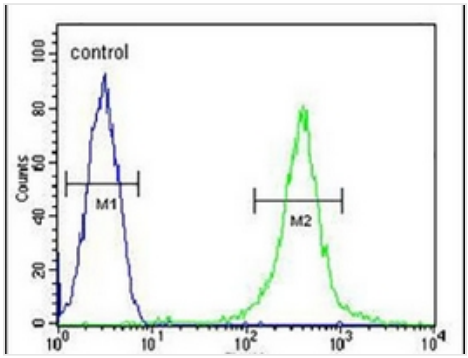
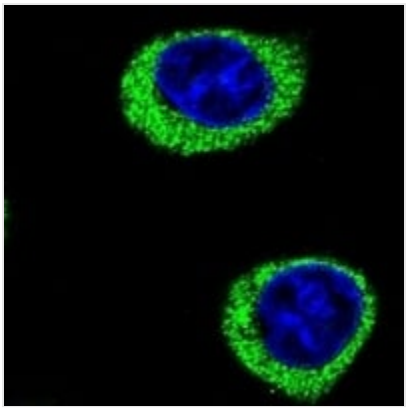
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Specificity** | Recognizes endogenous levels of AMY2B protein. |
| **Purity/Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Form/Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide. |
| **Applicable Applications for anti-AMY2B antibody** | FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human AMY2B. The exact sequence is proprietary. |
| **Preparation and Storage** | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

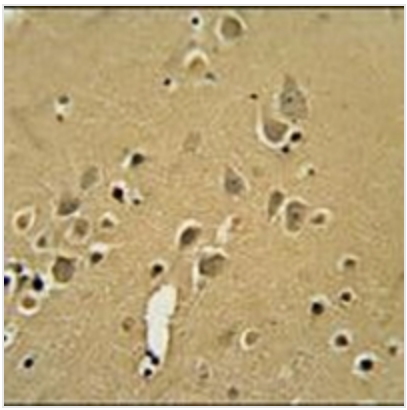
## IMAGES



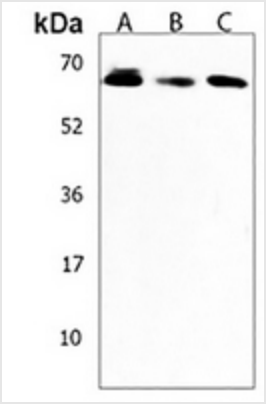

**FCM/FACS (Flow Cytometry)**
Flow cytometric analysis of CEM cells using Anti-AMY2B Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Rabbit IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



**IF (Immunofluorescence)**
Immunofluorescent analysis of Anti-AMY2B staining in 293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



**IHC (Immunohiostchemistry)**
Immunohistochemical analysis of AMY2B staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.




**WB (Western Blot)**
Western blot analysis of AMY2B expression in HL60 (A), CEM (B), K562 (C) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 68 kD

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-AMY2B antibody** | Rabbit polyclonal antibody to AMY2B |
| **Product Categories/Family for anti-AMY2B antibody** | Primary Antibodies |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 10280622 |
| **NCBI GeneID** | 280 |
| **NCBI Accession #** | NP_066188.1 |
| **NCBI GenBank Nucleotide #** | NM_020978.4 |
| **UniProt Accession #** | P19961; Q9UBH3; B3KTI1; B3KXB7; D3DT76 |
| **Molecular Weight** | 42,021 Da |
| **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://www.aaabiotech.com/polyclonal/amy2b-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/265293