

A8045

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AMY2A Rabbit pAb

Catalog No.: A8045

Basic Information

Observed MW

58kDa

Calculated MW

58kDa

Category

Polyclonal Antibody

Applications

WB,ELISA,IF-P

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a member of the alpha-amylase family of proteins. Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, catalyzing the first step in digestion of dietary starch and glycogen. This gene and several family members are present in a gene cluster on chromosome 1. This gene encodes an amylase isoenzyme produced by the pancreas.

Recommended Dilutions

WB 1:500 - 1:2000

IF-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

279

Swiss Prot

P04746

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

PA; AMY2; AMY2A

Contact



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Product Information

Source

Rabbit

Isotype

IgG

Purification

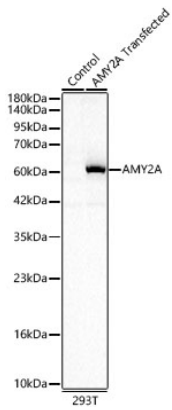
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

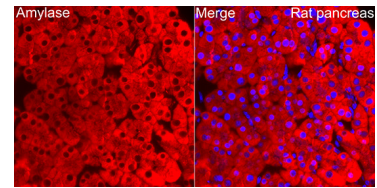
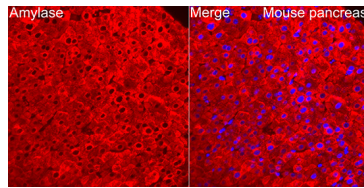
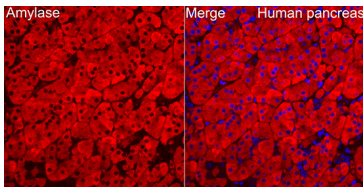
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with AMY2A using AMY2A Rabbit pAb (A8045) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of paraffin-embedded human pancreas using AMY2A Rabbit pAb (A8045) at dilution of 1:100 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of paraffin-embedded mouse pancreas using AMY2A Rabbit pAb (A8045) at dilution of 1:100 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of paraffin-embedded rat pancreas using AMY2A Rabbit pAb (A8045) at dilution of 1:100 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.