

# Amylin/DAP Rabbit mAb

Catalog No.: A24014 **Recombinant**

## Basic Information

### Observed MW

35kDa

### Calculated MW

10kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC62989

## Background

This gene encodes a member of the calcitonin family of peptide hormones. This hormone is released from pancreatic beta cells following food intake to regulate blood glucose levels and act as a satiation signal. Human patients with type 1 and advanced type 2 diabetes exhibit reduced levels of the encoded hormone in blood and pancreas. This protein also exhibits a bactericidal, antimicrobial activity.

## Recommended Dilutions

|               |   |
|---------------|---|
| <b>WB</b>     | 1:2000 - 1:8000   |
| <b>IHC-P</b>  | 1:200 - 1:800   |
| <b>IF/ICC</b> | 1:200 - 1:400   |
| <b>ELISA</b>  | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

### Gene ID

3375

### Swiss Prot

P10997

### Immunogen

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

### Synonyms

DAP; IAP; Amylin/DAP

## Contact

|   |                           |
|---|---------------------------|
| ☎ | 400-999-6126              |
| ✉ | cn.market@abclonal.com.cn |
| 🌐 | www.abclonal.com.cn       |

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

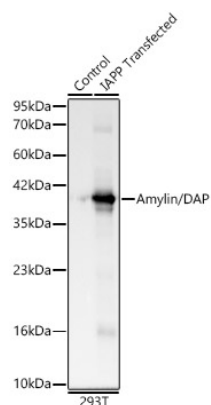
Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from 293F-IAPP cells, using Amylin/DAP Rabbit mAb (A24014) at 1:2000 dilution.

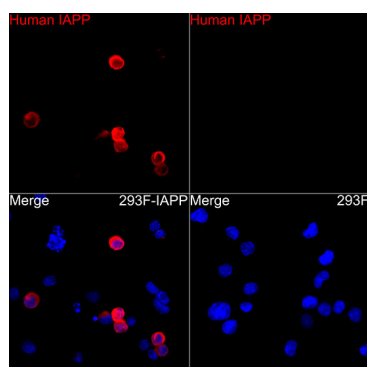
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

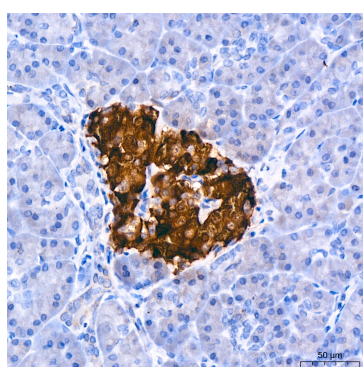
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

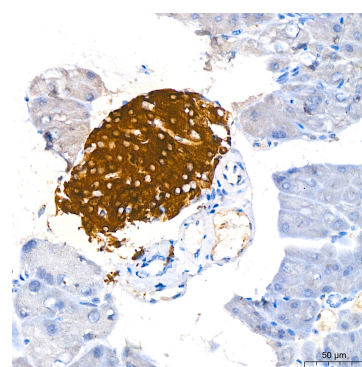
Exposure time: 5s.



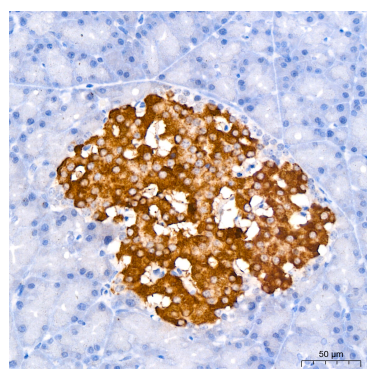
Immunofluorescence analysis of 293F cells transfected with IAPP using Amylin/DAP Rabbit mAb (A24014) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Amylin/DAP Rabbit mAb (A24014) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse pancreas tissue using Amylin/DAP Rabbit mAb (A24014) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat pancreas tissue using Amylin/DAP Rabbit mAb (A24014) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.