

## anti-Human Amylin Antibody | anti-IAPP antibody

Amylin Antibody

|                               |                            |                                                                  |
|-------------------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA110696</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------|------------------------------------------------------------------|

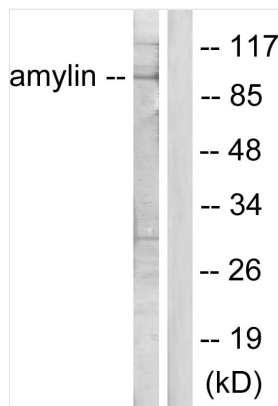
### PRODUCT SYNONYMS

Amylin; Amylin Antibody; Islet amyloid polypeptide [Precursor]; Diabetes-associated peptide; DAP; Insulinoma amyloid peptide; IAPP; anti-IAPP antibody

### PRODUCT SPECIFICATIONS

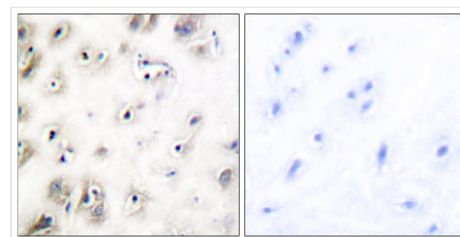
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human                                                                                                          |
| Specificity                                    | Amylin antibody detects endogenous levels of total amylin protein.                                             |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           |
| Form/Format                                    | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                                | 89                                                                                                             |
| Applicable Applications for anti-IAPP antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                           |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human amylin(HQVEKRKC).                    |
| Preparation and Storage                        | Store at -20 degree C for 1 year                                                                               |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from HeLa cells, treated with EGF (200ng/ml, 30mins), using Amylin Antibody.



#### IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Amylin Antibody.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                          |
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| References | U Zimmermann, J. Endocrinol., Dec 1997; 155: 423-431. Peter J. Wookey, Hypertension, Sep 1997; 30: 455. M Alevizaki, Eur. J. Endocrinol., Nov 2001; 145: 585-589. Jack H. Jhamandas, J Neurophysiol, Jun 2003; 89: 2923. |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 4557655                                 |
| NCBI GeneID                      | 3375                                    |
| NCBI Accession #                 | NP_000406.1                             |
| NCBI GenBank Nucleotide #        | NM_000415.2                             |
| UniProt Accession #              | P10997; Q0ZD87; Q14598                  |
| Molecular Weight                 | 9,806 Da                                |
| NCBI Official Full Name          | islet amyloid polypeptide preproprotein |
| NCBI Official Synonym Full Names | islet amyloid polypeptide               |
| NCBI Official Symbol             | IAPP                                    |
| NCBI Official Synonym Symbols    | DAP; IAP                                |
| NCBI Protein Information         | islet amyloid polypeptide               |
| UniProt Protein Name             | Islet amyloid polypeptide               |
| UniProt Gene Name                | IAPP                                    |
| UniProt Synonym Gene Names       | DAP                                     |

**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/human-antibody/amylin/110696>