

## Anti-IAPP antibody (1-89) (STJ24112)

### GENERAL INFORMATION

|               |                       |
|---------------|-----------------------|
| Product Type  | Primary antibodies    |
| Applications  | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit                |
| Reactivity    | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

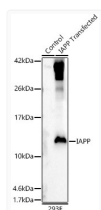
|                     |                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                         |
| Concentration       | Lot specific                                                                                                                                                                                       |
| Conjugation         | Unconjugated                                                                                                                                                                                       |
| Purification        | Affinity purification                                                                                                                                                                              |
| Dilution Range      | WB:1:500-1:1000<br>IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                                                 |
| Isotype             | IgG                                                                                                                                                                                                |
| Molecular Weight    | Protein Mw: 10kDa<br>Observed Mw: 35kDa                                                                                                                                                            |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                     |

### TARGET INFORMATION

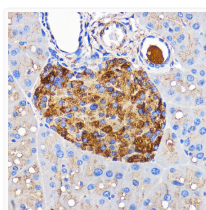
|                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">3375</a>                                                                                 |
| Gene Symbol        | <a href="#">IAPP</a>                                                                                 |
| UniProt ID         | <a href="#">IAPP_HUMAN</a>                                                                           |
| Immunogen Region   | 1-89                                                                                                 |
| Immunogen Sequence | MGILKLQVFLIVLSVALNHL KATPIESHQVEKRKCNTATC ATQRLANFLVHSSNNFGAIL<br>SSTNVGSGNTYGKRNAVEVLK REPLNLYPL    |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 1-89 of human IAPP (NP_000406.1). |

### ADDITIONAL INFORMATION

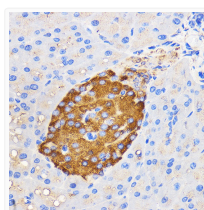
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



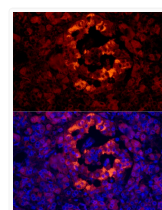
Western blot analysis of 293F-IAPP, using IAPP rabbit polyclonal antibody (STJ24112) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



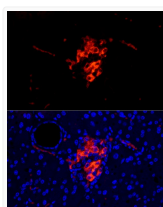
Immunohistochemistry analysis of paraffin-embedded Rat pancreas using IAPP rabbit polyclonal antibody (STJ24112) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse pancreas using IAPP rabbit polyclonal antibody (STJ24112) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of human pancreas cells using IAPP rabbit polyclonal antibody (STJ24112) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse pancreas cells using IAPP rabbit polyclonal antibody (STJ24112) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.