Anti-Amylin antibody ab15125

Overview

Product name: Anti-Amylin antibody

Description: Rabbit polyclonal to Amylin

Host species: Rabbit

Tested applications: Suitable for: IHC-P

Species reactivity: Reacts with: Human

Immunogen: Synthetic peptide (unfortunately, the amino acid sequence is considered to be commercially sensitive) (Human) (N terminal).

Positive control: Pancreas.

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Storage buffer: Preservative: 0.1% Sodium Azide
Constituents: 1% BSA, 10mM PBS, pH 7.4

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab15125 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Application notes

IHC-P: 1/200 for 10 min at RT. Boil tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min before commencing with IHC staining protocol.
Not tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

**Target**

**Function**
Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism.

**Sequence similarities**
Belongs to the calcitonin family.

**Domain**
The mature protein is largely unstructured in the absence of a cognate ligand, and has a strong tendency to form fibrillar aggregates. Homodimerization may be the first step of amyloid formation.

**Post-translational modifications**
Amyloid fibrils are degraded by IDE.

**Cellular localization**
Secreted.

**Images**

ab15125 staining Amylin in human pancreas by Immunohistochemistry (Formalin/PFA fixed paraffin embedded tissue sections).

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Amylin antibody (ab15125)**

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