Product datasheet

Anti-Pancreatic Polypeptide antibody ab113694

Overview

Product name: Anti-Pancreatic Polypeptide antibody
Description: Rabbit polyclonal to Pancreatic Polypeptide
Host species: Rabbit
Tested applications: Suitable for: IHC-P
Species reactivity: Reacts with: Human
Predicted to work with: Horse, Chimpanzee, Macaque monkey, Gorilla, Orangutan, Elephant

Immunogen: Synthetic peptide within Human Pancreatic Polypeptide aa 50 to the C-terminus conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary.
Database link: P01298
(Peptide available as ab131618)

Positive control: This antibody gave a positive signal in FFPE human pancreas tissue sections.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 7.40
Preservative: 0.02% Sodium azide
Constituent: PBS
Note: Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab113694 in the following tested applications.
Relevance

Pancreatic hormone is synthesized in pancreatic islets of Langerhans and acts as a regulator of pancreatic and gastrointestinal functions and may be important in the regulation of food intake. Plasma levels of this hormone have been shown to be reduced in conditions associated with increased food intake and elevated in anorexia nervosa. In addition, infusion of this hormone in obese rodents has shown to decrease weight gain.

Cellular localization

Secreted

Images

IHC image of Pancreatic Polypeptide staining in human pancreas formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab113694, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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