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Ptf1a Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11160

Specification

Ptf1a Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9QX98
Other Accession	NM_018809, NP_061279
Reactivity	**Human, Mouse, Rat, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Pig, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**35kDa KDa**

Ptf1a Antibody - N-terminal region - Additional Information

Gene ID 19213

Alias Symbol	**PTF1-p48, PTF1p48, bHLHa29**

Other Names
Pancreas transcription factor 1 subunit alpha, Pancreas-specific transcription factor 1a, bHLH transcription factor p48, p48 DNA-binding subunit of transcription factor PTF1, PTF1-p48, Ptf1a, Ptf1p48

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Ptf1a antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Ptf1a Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Ptf1a Antibody - N-terminal region - Protein Information

Name Ptf1a

Synonyms Ptf1p48

Function
Transcription factor implicated in the cell fate determination in various organs. Binds to the E-box consensus sequence 5'-CANNTG-3'. Plays a role in early and late pancreas development and differentiation. Important for determining whether cells allocated to the pancreatic buds continue

towards pancreatic organogenesis or revert back to duodenal fates. May be involved in the maintenance of exocrine pancreas-specific gene expression including ELA1 and amylase. Required for the formation of pancreatic acinar and ductal cells. Plays an important role in cerebellar development. Directly regulated by FOXN4 and RORC during retinal development, FOXN4-PTF1A pathway plays a central role in directing the differentiation of retinal progenitors towards horizontal and amacrine fates.

Cellular Location
Nucleus. Cytoplasm. Note=In the cytoplasm loses its ability to form the PTF1 complex

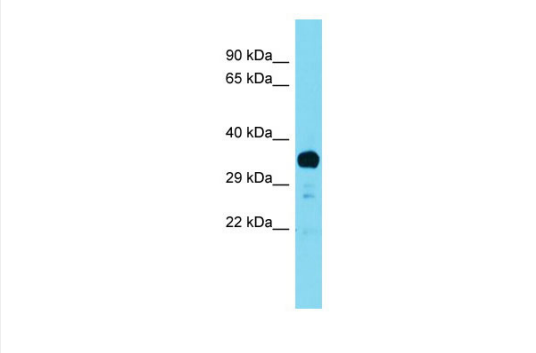
Tissue Location
Expressed in precursors of pancreatic islets, acini and ducts.

Ptf1a Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Ptf1a Antibody - N-terminal region - Images



Host: Rabbit
Target Name: Ptf1a
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1.0µg/ml