

PTF1A Rabbit mAb
Catalog # AP74876**Specification**

PTF1A Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	O9OX98
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	35185

PTF1A Rabbit mAb - Additional Information**Gene ID** 19213**Other Names**

Ptf1A

Dilution

WB~~1/500-1/1000

IP~~N/A

Format

Liquid

PTF1A Rabbit mAb - Protein Information**Name** Ptf1a**Synonyms** Ptf1p48**Function**

Transcription factor implicated in the cell fate determination in various organs (PubMed:11562365, PubMed:12185368, PubMed:15543146, PubMed:17075007, PubMed:9851981). Binds to the E-box consensus sequence 5'-CANNTG-3' (PubMed:11562365, PubMed:12185368, PubMed:9851981). Plays a role in early and late pancreas development and differentiation (PubMed:11562365, PubMed:21852532). Important for determining whether cells allocated to the pancreatic buds continue towards pancreatic organogenesis or revert back to duodenal fates (PubMed:11562365, PubMed:21852532).

[11562365](http://www.uniprot.org/citations/11562365), PubMed: [12185368](http://www.uniprot.org/citations/12185368), PubMed: [9851981](http://www.uniprot.org/citations/9851981)). May be involved in the maintenance of exocrine pancreas-specific gene expression including ELA1 and amylase (PubMed: [11562365](http://www.uniprot.org/citations/11562365), PubMed: [12185368](http://www.uniprot.org/citations/12185368), PubMed: [9851981](http://www.uniprot.org/citations/9851981)). Required for the formation of pancreatic acinar and ductal cells (PubMed: [11562365](http://www.uniprot.org/citations/11562365)). Plays an important role in cerebellar development (PubMed: [15543146](http://www.uniprot.org/citations/15543146)). 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 (PubMed: [17075007](http://www.uniprot.org/citations/17075007)).

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 Rabbit mAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTF1A Rabbit mAb - Images

