

# PTF1A Rabbit mAb

Catalog # AP74876

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB, IP                 |
| Primary Accession | <a href="#">Q9QX98</a> |
| Reactivity        | Human, Rat             |
| Host              | Rabbit                 |
| Clonality         | Monoclonal Antibody    |
| Calculated MW     | 35185                  |

## Additional Information

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|             |   |
|-------------|---|
| Gene ID     | 19213   |
| Other Names | Ptf1A   |
| Dilution    | WB~~1/500-1/1000 IP~~N/A  |
| Format      | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. |

## Protein Information

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|                   |  |
|-------------------|--|
| Name              | Ptf1a  |
| Synonyms          | Ptf1p48  |
| Function          | <p>Transcription factor implicated in the cell fate determination in various organs (PubMed:<a href="#">11562365</a>, PubMed:<a href="#">12185368</a>, PubMed:<a href="#">15543146</a>, PubMed:<a href="#">17075007</a>, PubMed:<a href="#">9851981</a>). Binds to the E-box consensus sequence 5'-CANNTG-3' (PubMed:<a href="#">11562365</a>, PubMed:<a href="#">12185368</a>, PubMed:<a href="#">9851981</a>). Plays a role in early and late pancreas development and differentiation (PubMed:<a href="#">11562365</a>, PubMed:<a href="#">21852532</a>). Important for determining whether cells allocated to the pancreatic buds continue towards pancreatic organogenesis or revert back to duodenal fates (PubMed:<a href="#">11562365</a>, PubMed:<a href="#">12185368</a>, PubMed:<a href="#">9851981</a>). May be involved in the maintenance of exocrine pancreas-specific gene expression including ELA1 and amylase (PubMed:<a href="#">11562365</a>, PubMed:<a href="#">12185368</a>, PubMed:<a href="#">9851981</a>). Required for the formation of pancreatic acinar and ductal cells (PubMed:<a href="#">11562365</a>). Plays an important role in cerebellar development (PubMed:<a href="#">15543146</a>). 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:<a href="#">17075007</a>).</p> |
| Cellular Location | Nucleus. Cytoplasm. Note=In the cytoplasm loses its ability to form the PTF1   |

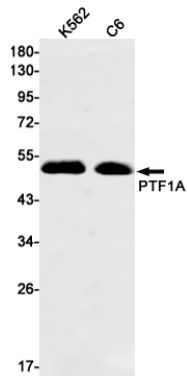
complex

**Tissue Location**

Expressed in precursors of pancreatic islets, acini and ducts.

**Images**

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