antibodies - online.com







anti-PTF1A antibody (N-Term)

Images



Publication



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Overview		
Quantity:	400 μL	
Target:	PTF1A	
Binding Specificity:	AA 12-43, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This Ptf1a antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 12-43 amino acids from the N-terminal region of human Ptf1a.	
Clone:	RB10418	
Isotype:	lg Fraction	
Predicted Reactivity:	Rat	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	PTF1A	
Alternative Name:	Ptf1a (PTF1A Products)	
Background:	Ptf1a is a component of the pancreas transcription factor 1 complex (PTF1) and is known to	

have a role in mammalian pancreatic development. The protein plays a role in determining whether cells allocated to the pancreatic buds continue towards pancreatic organogenesis or revert back to duodenal fates. This protein is thought to be involved in the maintenance of exocrine pancreas-specific gene expression including elastase 1 and amylase. Mutations in the Ptf1a gene cause cerebellar agenesis and loss of expression is seen in ductal type pancreas cancers.

Molecular Weight: 34970

NCBI Accession: NP_835455

UniProt: Q7RTS3

Pathways: Retinoic Acid Receptor Signaling Pathway

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

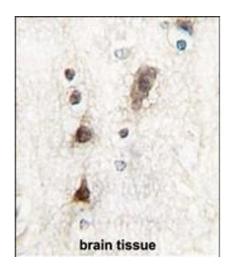
Storage: 4 °C,-20 °C

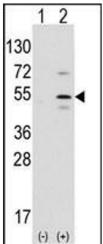
Expiry Date: 6 months

Publications

Product cited in:

Mei, Li, Chu, Yiu, Lo: "The inhibitory effects of silver diamine fluoride at different concentrations on matrix metalloproteinases." in: **Dental materials : official publication of the Academy of Dental Materials**, Vol. 28, Issue 8, pp. 903-8, (2012) (PubMed).





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with Ptf1a Antibody (N-term) (ABIN1881703 and ABIN2839321), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of Ptf1a (arrow) using rabbit polyclonal Ptf1a Antibody (N-term) (ABIN1881703 and ABIN2839321). 293 cell lysates (2 μg/lane) either nontransfected (Lane 1) or transiently transfected with the Ptf1a gene (Lane 2) (Origene Technologies).