Datasheet for ABIN7162504

anti-PAX6 antibody (AA 1-300)

Go to Product page

2 Images

Overview

Quantity:	100 µL
Target:	PAX6
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Paired box protein Pax-6 protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	PAX6
Alternative Name:	PAX6 (PAX6 Products)
Background:	Background: Transcription factor with important functions in the development of the eye, nose, central nervous system and pancreas. Required for the differentiation of pancreatic islet alpha

Copyright antibodies-online. All rights reserved.

Target Details

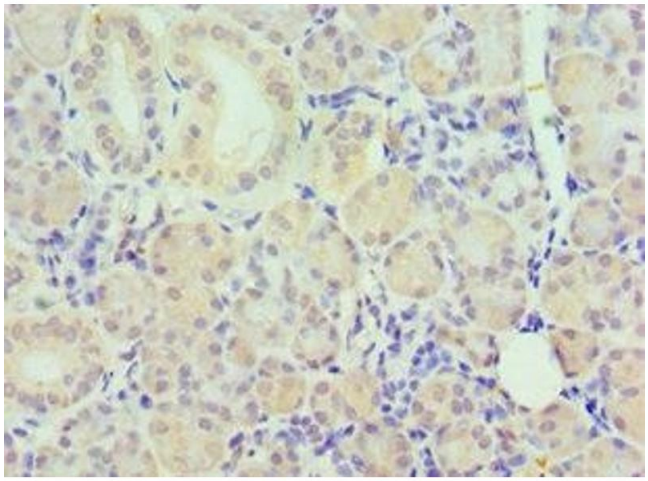
	cells (By similarity). Competes with PAX4 in binding to a common element in the glucagon, insulin and somatostatin promoters. Regulates specification of the ventral neuron subtypes by establishing the correct progenitor domains (By similarity). Isoform 5a appears to function as a molecular switch that specifies target genes. Aliases: AN 2 antibody, AN antibody, AN2 antibody, Aniridia type II protein antibody, D11S812E antibody, FVH1 antibody, KIAA0552 antibody, Leucine zipper putative tumor suppressor 3 antibody, LZTS3 antibody, MGC17209 antibody, MGDA antibody, Oculorhombin antibody, Paired box 6 antibody, Paired box gene 6 (aniridia keratitis) antibody, Paired Box Gene 6 antibody, Paired box homeotic gene 6 antibody, Paired box protein Pax-6 antibody, Paired box protein Pax6 antibody, PAX 6 antibody, PAX6 antibody, PAX6_HUMAN antibody, ProSAP-interacting protein 1 antibody, PROSAPIP1 antibody, Sey antibody, WAGR antibody
UniProt:	P26367
Pathways:	Peptide Hormone Metabolism, Carbohydrate Homeostasis

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

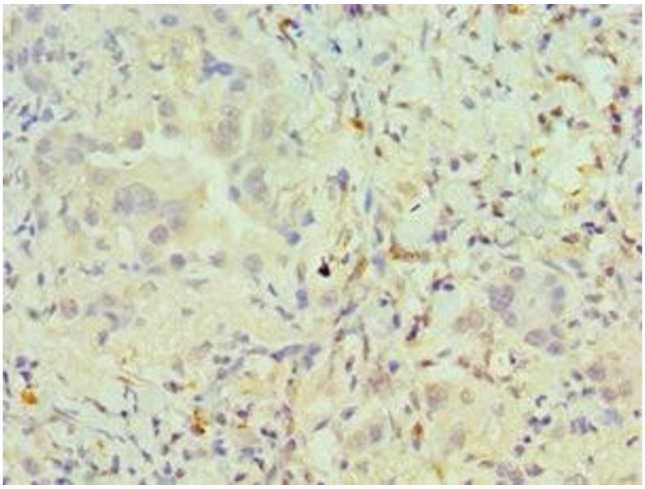
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7162504 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7162504 at dilution of 1:100

 Copyright antibodies-online. All rights reserved.