

For Research Use Only

PAX4 Polyclonal antibody

Catalog Number: 13018-2-AP



Basic Information

Catalog Number:

13018-2-AP

Size:

130 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4111

GenBank Accession Number:

BC074761

GeneID (NCBI):

5078

UNIPROT ID:

O43316

Full Name:

paired box 4

Calculated MW:

343 aa, 37 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Background Information

PAX4, a paired-box transcription factor, is a key regulator of pancreatic islet cell growth and differentiation. Differentiation of endoderm-derived endocrine pancreas is mediated through PAX4 and PAX6. PAX4 may act as a PAX6 repressor due to the competition for binding sites and lower transactivation potential of Pax-4. PAX4 has the potential to function as a tumor suppressor in human melanoma.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

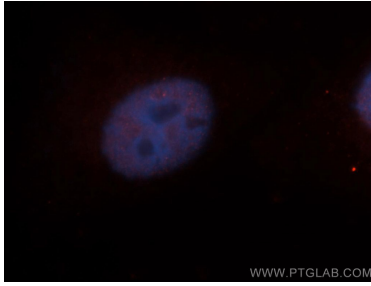
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of A549 cells, using PAX4 antibody 13018-2-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).