

For Research Use Only

Pan-PAX Polyclonal ANTIBODY



Catalog Number: 21383-1-AP

3 Publications

Basic Information

Catalog Number:
21383-1-AP

Size:
53 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG16018

GenBank Accession Number:
BC001060

GeneID (NCBI):
7849

Full Name:
paired box 8

Calculated MW:
450aa, 48 kDa

Observed MW:
36-48 kDa

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
IF, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, pig

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : SKOV-3 cells; A2780 cells

IP : SKOV-3 cells;

IHC : human ovary tumor tissue; human renal cell carcinoma tissue, human kidney tissue

IF : SKOV-3 cells;

Background Information

PAX genes encode a family of developmentally regulated transcription factors that have been implicated in a number of human and murine congenital disorders, as well as in tumorigenesis. These genes are defined by the presence of an evolutionarily conserved DNA binding domain, termed the paired domain. Many paired domain-containing proteins recognize a common sequence motif. The immunogen of this antibody is the Paired box domain of PAX family. This antibody is a Pan-PAX antibody.

Notable Publications

Author	Pubmed ID	Journal	Application
Sergio E Palma-Vera	28231273	PLoS One	IF
Qiwang Ma	29198839	Life Sci	IF
Tong Guo-Xia GX	21934480	Am J Surg Pathol	IHC

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

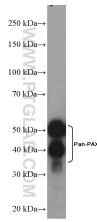
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

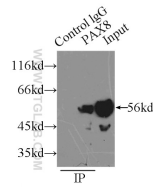
E: proteintech@ptglab.com
W: ptglab.com

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

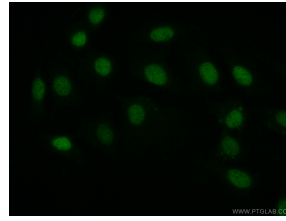
Selected Validation Data



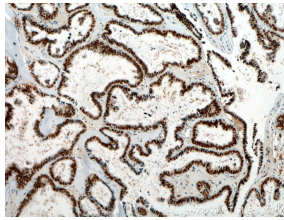
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 21383-1-AP (Pan-PAX antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



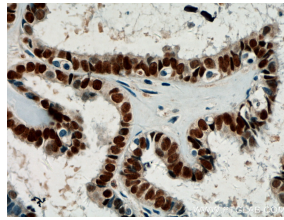
IP Result of anti-pan-PAX (IP:21383-1-AP, 3ug; Detection:21383-1-AP 1:800) with SKOV-3 cells lysate 2500ug.



Immunofluorescent analysis of (-20) Ethanol fixed SKOV-3 cells using 21383-1-AP(Pan-PAX antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using 21383-1-AP(Pan-PAX antibody) at dilution of 1:200 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using 21383-1-AP(Pan-PAX antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer(pH9).