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: BCO01060
GeneID (NCBI): 7649
Full Name: paired box B
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 9.6; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

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<th>Author</th>
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<tr>
<td>Sergio E Palma-Vera</td>
<td>28231273</td>
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<td>Qiwang Ma</td>
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<td>Tong Guo-Aia GX</td>
<td>27193480</td>
<td>Am J Surg Pathol</td>
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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.
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 cell lysate 2500ug.

Immunofluorescent analysis of 30% 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 10× lens) heat mediated antigen retrieved with Tris-EDTA buffer.

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