

For Research Use Only

Pan-PAX Polyclonal antibody

Catalog Number: 21383-1-AP **5 Publications**



Basic Information

Catalog Number: 21383-1-AP	GenBank Accession Number: BC001060	Purification Method: Antigen affinity purification
Size: 450 ug/ml	GeneID (NCBI): 7849	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q06710	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: paired box 8	IHC 1:600-1:2400
Immunogen Catalog Number: AG16018	Calculated MW: 450 aa, 48 kDa	IF/ICC 1:200-1:800
	Observed MW: 36-48 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, IP, ELISA	Positive Controls: WB : SKOV-3 cells, A2780 cells
Cited Applications: IHC, IF	IP : SKOV-3 cells,
Species Specificity: human, mouse, rat	IHC : human ovary cancer tissue, human kidney tissue, human renal cell carcinoma tissue
Cited Species: human, mouse, rat, pig	IF/ICC : SKOV-3 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) 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

Author	Pubmed ID	Journal	Application
Zi-Yang Zhang	32606037	Sci Signal	IHC
Sergio E Palma-Vera	28231273	PLoS One	IF
Qiwang Ma	29198839	Life Sci	IF

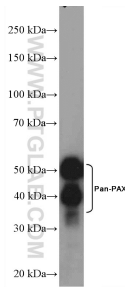
Storage

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

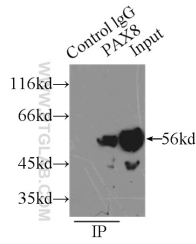
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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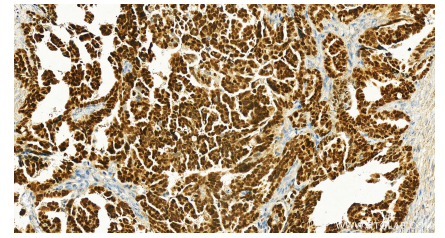
Selected Validation Data



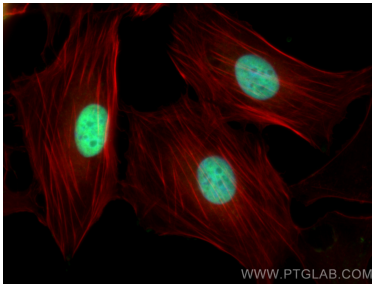
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 21383-1-AP (Pan-PAX antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



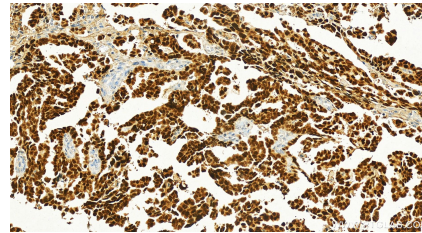
IP result of anti-Pan-PAX (IP:21383-1-AP, 3ug; Detection:21383-1-AP 1:800) with SKOV-3 cells lysate 2500ug.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 21383-1-AP (Pan-PAX antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using Pan-PAX antibody (21383-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 21383-1-AP (Pan-PAX antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).