

Nur für Forschungszwecke

PAX8 Polyklonaler Antikörper

Katalog-Nr.:10336-1-AP

Vorgestelltes Produkt

456 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10336-1-AP	GenBank-Zugangsnummer: BC001060	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 7849	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:1000-1:5000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: paired box 8	
Isotyp: IgG	Berechnete Masse: 48 kDa	
Immunogen Katalognummer: AG0306	Beobachtete Masse: 48 kDa, 58 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, ELISA, FC, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Maus, Ratte, Rind, Zebrafisch

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: SKOV-3-Zellen, HEK-293-Zellen, NIH/3T3-Zellen, Raji-Zellen

IHC: humanes Ovarialkarzinomgewebe, humanes Nierenzellkarzinomgewebe, humanes Schilddrüsenkarzinomgewebe, Mausnierengewebe

IF: SKOV-3-Zellen, Mausnierengewebe

Hintergrundinformationen

PAX8 is a member of the paired box (PAX) family of transcription factors, typically containing a paired box domain and a paired-type homeodomain. It is expressed during organogenesis of the thyroid gland, kidney and Mullerian system. It is thought to regulate the expression of Wilms tumor suppressor (WT1) gene and mutations in PAX8 have been associated with Wilms tumor cells, thyroid and ovarian carcinomas. PAX8 is a useful marker in distinguishing ovarian carcinomas from mammary carcinomas (PMID: 18724243). PAX8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinomas.

This antibody can detect all 5 isoforms of PAX8 (31 kDa, 34 kDa, 41 kDa, 43 kDa and 48 kDa). A 58-60 kDa form has also been reported (PMID:15650356, 1049952). Proteintech's 10336-1-AP antibody has cross-reactivities with the other PAX family members.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yong Kyun Kim	28905451	Stem Cells	IF
Olga Kondrashova	30266954	Nat Commun	IHC
B Ilhan	27765277	Curr Res Transl Med	IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

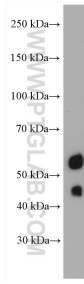
For technical support and original validation data for this product please contact:

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

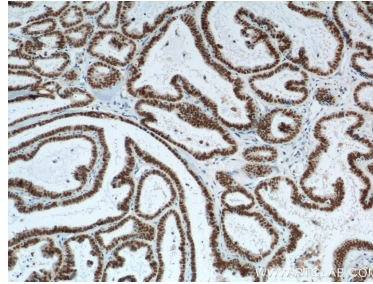
E: proteintech@ptglab.com
W: ptglab.com

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

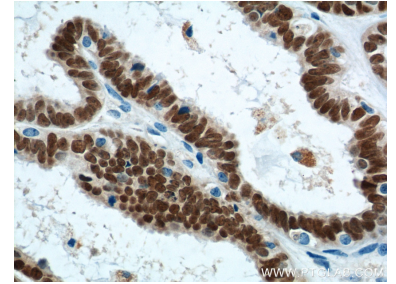
Ausgewählte Validierungsdaten



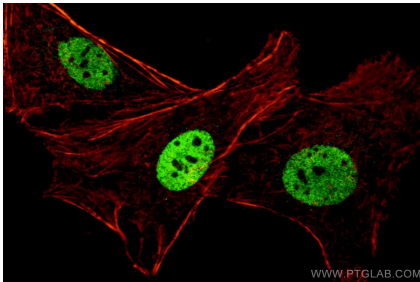
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 10336-1-AP (PAX8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



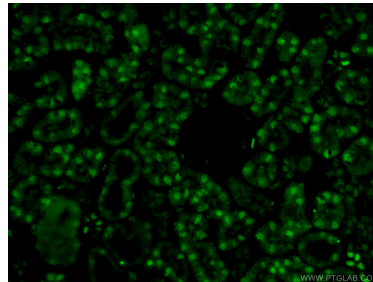
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10336-1-AP (PAX8 Antibody) at dilution of 1:1200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10336-1-AP (PAX8 Antibody) at dilution of 1:1200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Confocal immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using 10336-1-AP (PAX8 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Phalloidin stains F-actin (Red).



Immunofluorescent analysis of (4% PFA) fixed mouse kidney tissue using 10336-1-AP (PAX8 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).