

Allgemeine Informationen

Katalog-Nr.: 30304-1-AP	GenBank-Zugangsnummer: NM_006015	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 8289	Empfohlene Verdünnungen: WB 1:2000-1:12000 IHC 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: AT rich interactive domain 1A (SWI- like)	
Isotyp: IgG	Berechnete Masse: 242 kDa	
Immunogen Katalognummer: AG30749	Beobachtete Masse: 250-260 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB : HeLa-Zellen, HepG2-Zellen, K-562-Zellen, MCF-7-Zellen
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Endometriumkarzinomgewebe,

Hintergrundinformationen

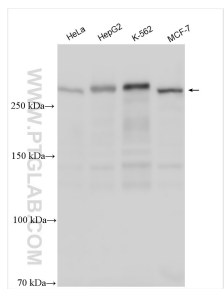
ARID1A, also named as BAF250, BAF250A, C1orf4, OSA1 and SMARCF1, is involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). It binds DNA non-specifically. It is also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene. ARID1A belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The antibody is specific to ARID1A.

Lagerung

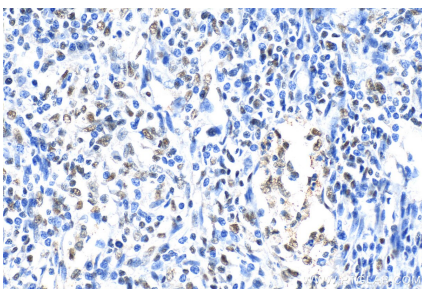
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

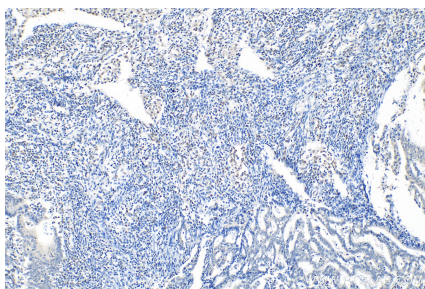
Ausgewählte Validierungsdaten



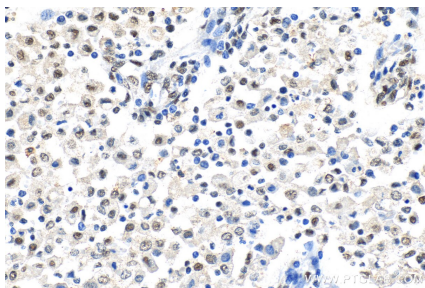
Various lysates were subjected to SDS PAGE followed by western blot with 30304-1-AP (ARID1A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



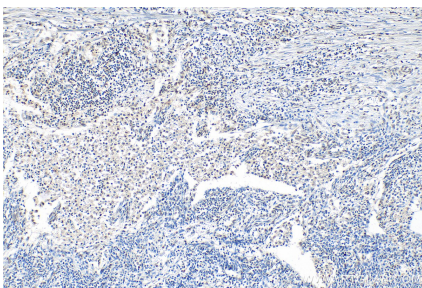
Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 30304-1-AP (ARID1A antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 30304-1-AP (ARID1A antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 30304-1-AP (ARID1A antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 30304-1-AP (ARID1A antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).