

Allgemeine Informationen

Katalog-Nr.: 29488-1-AP	GenBank-Zugangsnummer: BC050666	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 83444	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: INO80 complex subunit B	
Isotyp: IgG	Berechnete Masse: 356 aa, 39 kDa	
Immunogen Katalognummer: AG30345	Beobachtete Masse: 45-50 kDa	

Anwendungen

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

Hintergrundinformationen

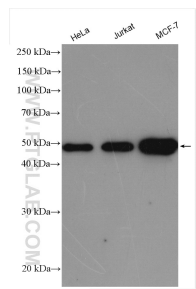
INO80B (INO80 complex subunit B), also known as ZNHIT4 (zinc finger HIT domain-containing protein 4), PAPA1 (PAP-1-associated protein 1), is a subunit of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. INO80B is localized to the nucleolus. The function of INO80B is to induce growth arrest by halting the cell cycle at the G1 phase. INO80B expression is controlled at the transcriptional level and is highest at the G0 and G1 phases of the cell cycle. In vitro, INO80B binds PAP-1, a splicing factor, and may play a role in nucleolar complexes that regulate ribosome biogenesis and cell cycle events.

Lagerung

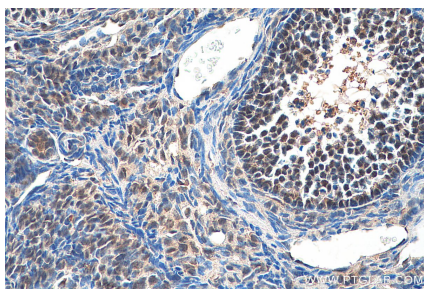
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

Ausgewählte Validierungsdaten



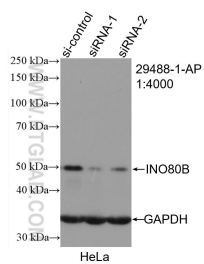
Jurkat cells were subjected to SDS PAGE followed by western blot with 29488-1-AP (INO80B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 29488-1-AP (INO80B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using INO80B antibody (29488-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



WB result of INO80B antibody (29488-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-INO80B transfected HeLa cells.