

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 30106-1-AP	<b>GenBank-Zugangsnummer:</b> NM_015100	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 700 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 23126	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:6000 IP 0.5-4.0 ug für IP und 1:1000-1:4000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> pogo transposable element with ZNF domain	<b>IHC 1:50-1:500</b> <b>IF 1:200-1:800</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 155kd	
<b>Immunogen Katalognummer:</b> AG32435	<b>Beobachtete Masse:</b> 155 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### Getestete Reaktivität:

Human, Maus

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

### Positivkontrollen:

**WB:** HeLa-Zellen, HepG2-Zellen, Maushirngewebe, SH-SY5Y-Zellen

**IP:** HeLa-Zellen,

**IHC:** Maushirngewebe, Maushodengewebe

**IF:** HepG2-Zellen, U-251-Zellen

## Hintergrundinformationen

POGZ, also known as MRD37, is a zinc-finger protein containing 9 C2H2 zinc fingers, a CENP-B (centromere protein-B) domain, and a DDE domain found in the bacterial transposase/retroviral integrase family. POGZ plays a role in mitotic cell cycle progression and is involved in kinetochore assembly and mitotic sister chromatid cohesion. POGZ plays a role in mitotic chromosome segregation by regulating aurora kinase B/AURKB activation and AURKB and CBX5 dissociation from chromosome arms (PMID:20562864). Heterozygous mutation of POGZ causes White-Sutton syndrome (PMID: 26739615). Expect a band approximately 155 kDa in size corresponding to POGZ by western blotting.

## 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**

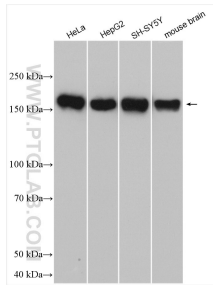
For technical support and original validation data for this product please contact:

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

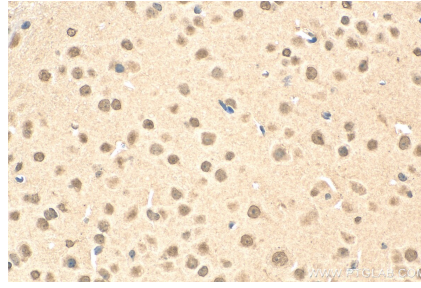
E: proteintech@ptglab.com  
W: ptglab.com

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

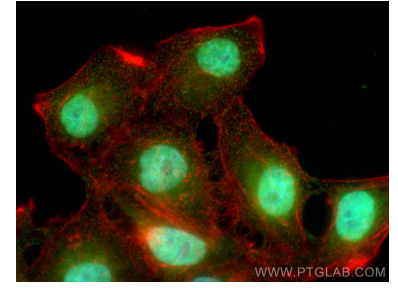
## Ausgewählte Validierungsdaten



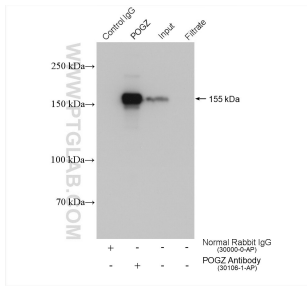
Various lysates were subjected to SDS PAGE followed by western blot with 30106-1-AP (POGZ antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



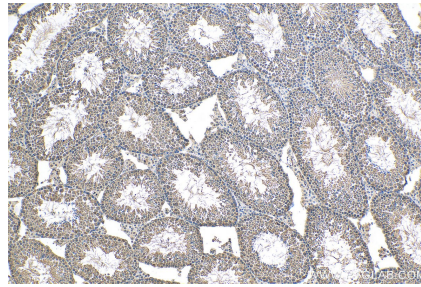
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30106-1-AP (POGZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



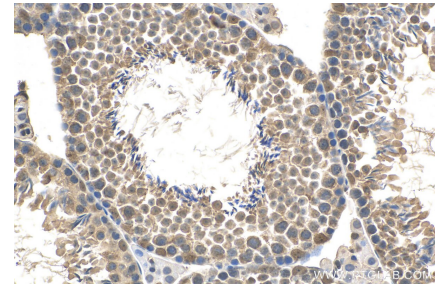
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using POGZ antibody (30106-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



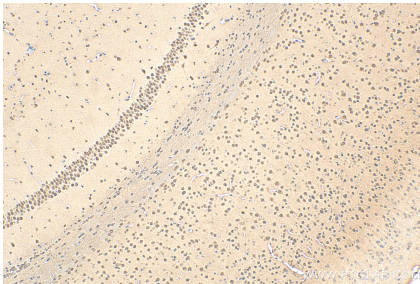
IP result of anti-POGZ(IP:30106-1-AP, 4ug; Detection:30106-1-AP 1:2000) with HeLa cells lysate 1800 ug.



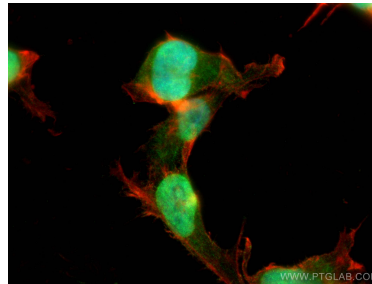
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 30106-1-AP (POGZ antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 30106-1-AP (POGZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30106-1-AP (POGZ antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using POGZ antibody (30106-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).