

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-POGZ



Numéro de catalogue: 30106-1-AP

Informations de base

Numéro de catalogue: 30106-1-AP	Numéro d'acquisition GenBank: NM_015100	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 23126	Dilutions recommandées: WB 1:1000-1:6000
Hôte: Lapin	Nom complet: pogo transposable element with ZNF domain	IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
Isotype: IgG	MW calculé: 155kd	IHC 1:50-1:500 IF 1:200-1:800
Immunogen Catalog Number: AG32435	MW observés: 155 kDa	

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Spécificité de l'espèce:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules SH-SY5Y, tissu cérébral de souris

IP : cellules HeLa,

IHC : tissu cérébral de souris, tissu testiculaire de souris

IF : cellules HepG2, cellules U-251

Informations générales

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.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

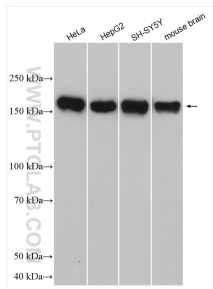
For technical support and original validation data for this product please contact:

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

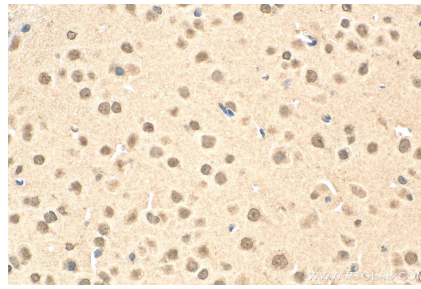
E: proteintech@ptglab.com
W: ptglab.com

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

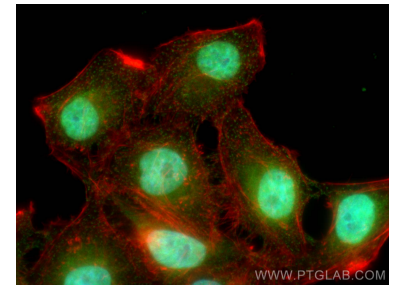
Données de validation sélectionnées



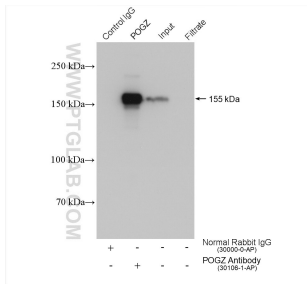
Various lysates were subjected to SDS PAGE followed by western blot with 30106-1-AP (POGZ antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



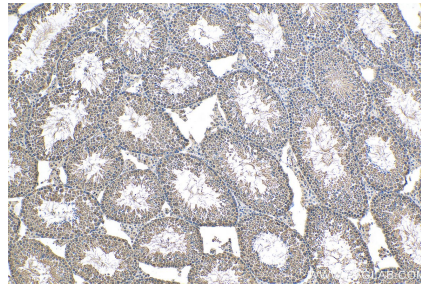
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30106-1-AP (POGZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



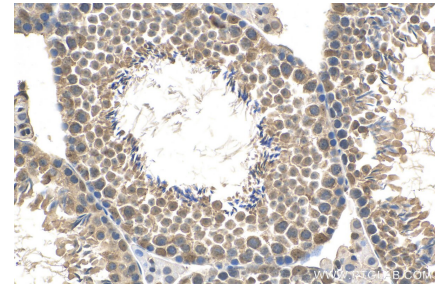
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using POGZ antibody (30106-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



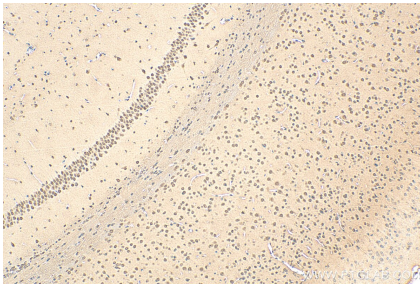
IP result of anti-POGZ(IP:30106-1-AP, 4ug; Detection:30106-1-AP 1:2000) with HeLa cells lysate 1800 ug.



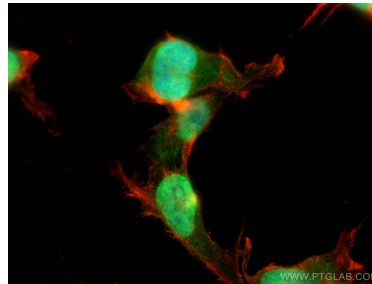
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 30106-1-AP (POGZ antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).