

Nur für Forschungszwecke

TEX14 Polyklonaler Antikörper

Katalog-Nr.:18351-1-AP

5 Publikationen



Allgemeine Informationen

Katalog-Nr.: 18351-1-AP	GenBank-Zugangsnummer: BC040526	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 56155	Empfohlene Verdünnungen: IHC 1:400-1:1600
Wirt: Kaninchen	Vollständiger Name: testis expressed 14	
Isotyp: IgG	Berechnete Masse: 957aa,107 kDa; 1497aa,168 kDa	
Immunogen Katalognummer: AG13177	Beobachtete Masse: 180-200 kDa, 106 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, IP,ELISA	Positivkontrollen: IHC : Maushodengewebe,
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Tex14 is required both for the formation of intercellular bridges during meiosis and for kinetochore-microtubule attachment during mitosis. Intercellular bridges are evolutionarily conserved structures that connect differentiating germ cells and are required for spermatogenesis and male fertility. Tex14 acts by promoting the conversion of midbodies into intercellular bridges via its interaction with CEP55: interaction with CEP55 inhibits the interaction between CEP55 and PDCD6IP/ALIX and TSG101, blocking cell abscission and leading to transform midbodies into intercellular bridges. Tex14 also plays a role during mitosis: recruited to kinetochores by PLK1 during early mitosis and regulates the maturation of the outer kinetochores and microtubule attachment. Tex14 has several variant isoforms with the MW from about 100 kDa to 168 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wen-Long Lei	34580275	Cell Death Dis	IF
Roseanne Rosario	31659914	FASEB J	IF
Laura Pulze	32751344	Int J Mol Sci	WB,IF

Lagerung

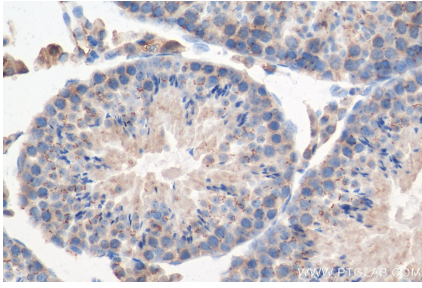
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

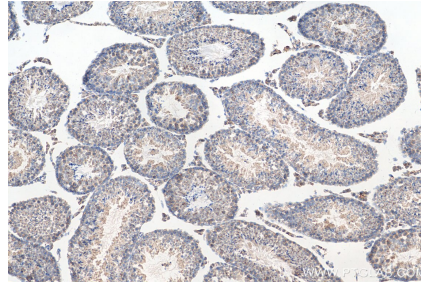
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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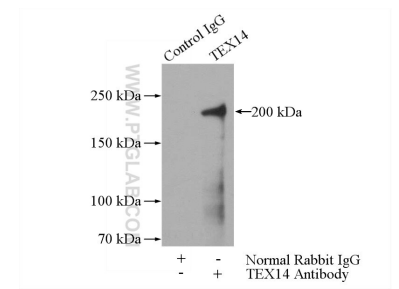
Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18351-1-AP (TEX14 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18351-1-AP (TEX14 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-TEX14 (IP:18351-1-AP, 4ug; Detection:18351-1-AP 1:500) with mouse testis tissue lysate 4000ug.