À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TEX14

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:18351-1-AP 5 Publications

Informations de base

Numéro de catalogue:
18351-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13177

Numéro d'acquisition GenBank:
BC040526

Identification du gène (NCBI):
56155

Nom complet:
testis expressed 14

MW calculé
957aa,107 kDa; 1497aa,168 kDa

MW observés:
180-200 kDa, 106 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
IHC 1:400-1:1600

Applications

Applications testées:
IHC, IP,ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
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:

IHC : tissu testiculaire de souris,

Informations générales

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.

Publications notables

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

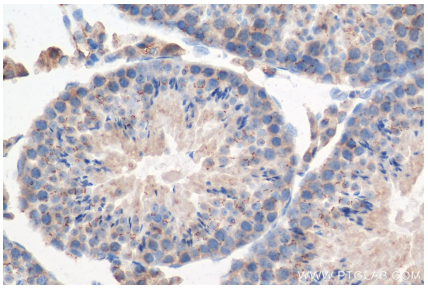
Stockage

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

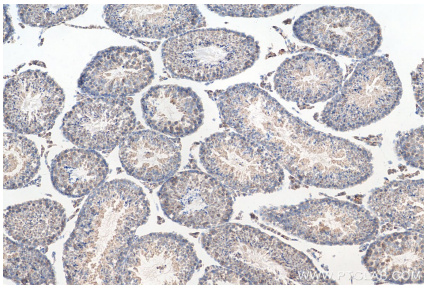
*** Les 20ul contiennent 0,1% de BSA.

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

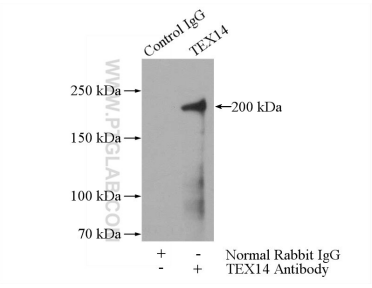
Données de validation sélectionnées



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.