À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Prolactin

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:16525-1-AP 1 Publications

Informations de base

Numéro de catalogue:
16525-1-AP

Taille:
150ul , Concentration: 750 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9764

Numéro d'acquisition GenBank:
BC015850

Identification du gène (NCBI):
5617

Nom complet:
prolactin

MW calculé
227 aa, 26 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
IHC 1:400-1:1600

Applications

Applications testées:
IHC, ELISA

Demandes citées:
IHC

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain

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 hypophysaire humain, tissu testiculaire de rat, tissu testiculaire de souris

Informations générales

Prolactin is also named as PRL and belongs to the somatotropin/prolactin family. The proteins encoded by PRL are secreted into the cell surroundings. And they are abundantly expressed in pituitary gland, adenohypophysis, decidua and testis. Indeed, chemically, prolactin appears in a multiplicity of posttranslational forms ranging from size variants to chemical modifications such as phosphorylation or glycosylation. It is not only synthesized in the pituitary gland, as originally described, but also within the central nervous system, the immune system, the uterus and its associated tissues of conception, and even the mammary gland itself (PMID: 11015620). Prolactin acts primarily on the mammary gland by promoting lactation (PMID: 30546056). The major form of prolactin found in the pituitary gland is 23 kDa, variants of prolactin have been characterized in many mammals, including humans. Of the cleaved forms that have been characterized, 14 kDa, 16 kDa, and 22 kDa prolactin variants have been most widely studied (PMID: 7937959) (PMID: 8425495).

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaohong Ai	35117410	Transl Cancer Res	IHC

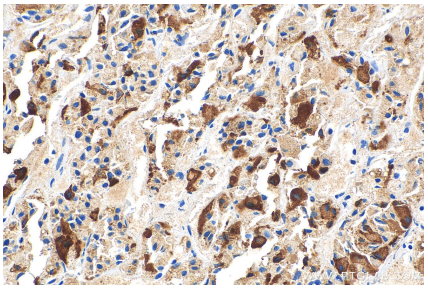
Stockage

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

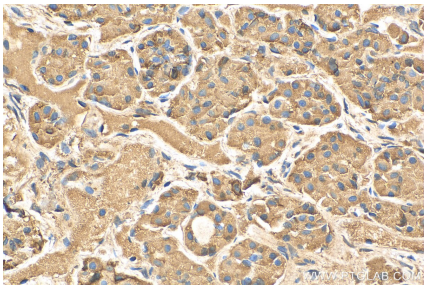
*** Les 20ul contiennent 0,1% de BSA.

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 human pituitary tissue slide using 16525-1-AP (Prolactin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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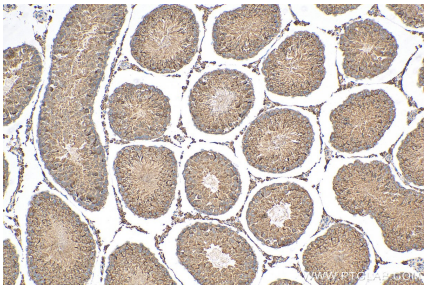
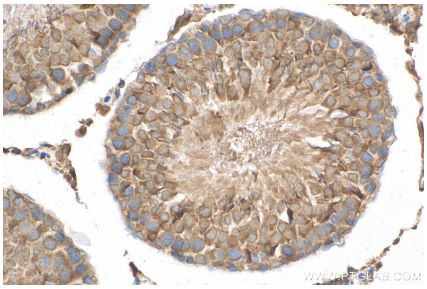
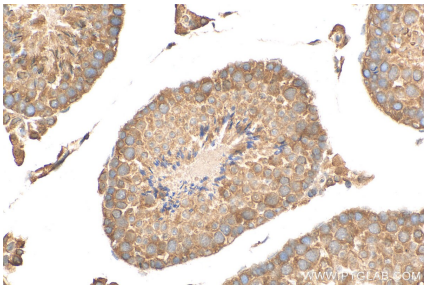


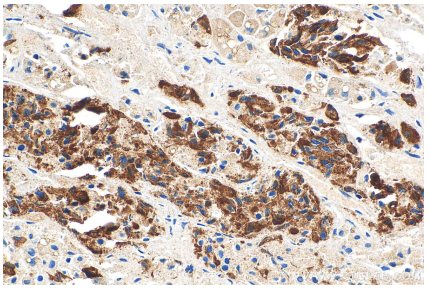
Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 16525-1-AP (Prolactin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 16525-1-AP (Prolactin 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 16525-1-AP (Prolactin 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 human pituitary tissue slide using 16525-1-AP (Prolactin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).