

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-OCT4/POU5F1



Numéro de catalogue: 11263-1-AP

Phare

196 Publications

Informations de base

Numéro de catalogue:
11263-1-AP

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

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1794

Numéro d'acquisition GenBank:
BC020712

Identification du gène (NCBI):
5460

Nom complet:
POU class 5 homeobox 1

MW calculé
39 kDa

MW observés:
50-60 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:1000-1:5000
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
FC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Chèvre, Humain, porc, rat, 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 HEK-293, cellules MCF-7, cellules NCCIT, cellules U-251, tissu cérébral de rat, tissu cérébral de souris, tissu embryonnaire de souris

IHC : tissu de cancer du poumon humain, tissu de carcinome à cellules rénales humain

IF : tissu oculaire de souris,

Informations générales

Octamer-binding protein 4 (OCT4), also known as POU5F1 or OCT3/4, is a member of the POU gene family and encoded by the human gene POU5F1 (POU domain class 5 transcription factor 1). OCT4 is a member of the Octamer class of transcription factors that recognize the 8-base pair consensus motif 5'-ATGCAAAT-3'. Expression of OCT4 is associated with an undifferentiated, pluripotent stem cell phenotype and tumors. OCT4 is also expressed in the developing brain, with the highest levels found in the cortex, olfactory bulb, and the hippocampus.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yang Liu	27685621	Cell Death Dis	WB
Chenlong Li	31558707	Cell Death Dis	WB
XIAOYUE FENG	34528694	Oncol Rep	WB

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.

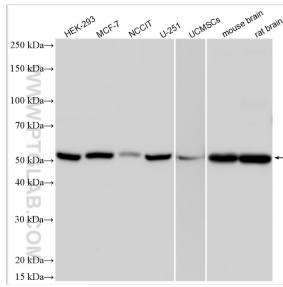
For technical support and original validation data for this product please contact:

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

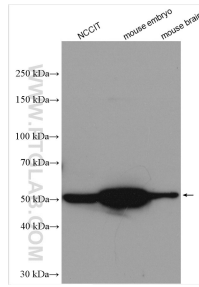
E: proteintech@ptglab.com
W: ptglab.com

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

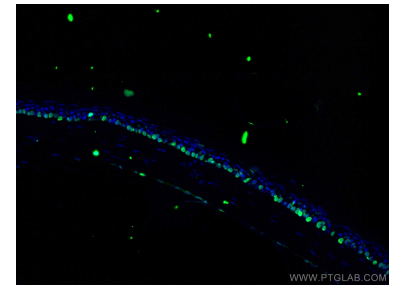
Données de validation sélectionnées



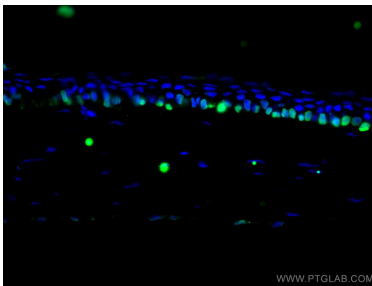
Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



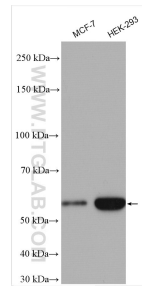
Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



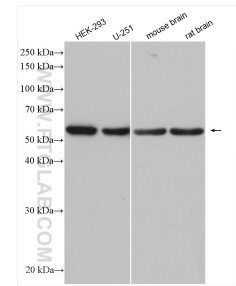
Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using OCT4 antibody (11263-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



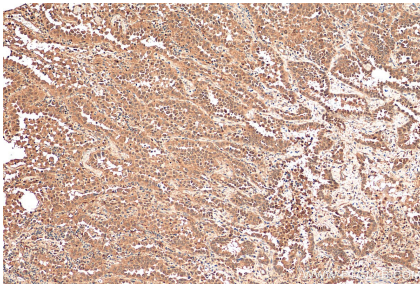
Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using OCT4 antibody (11263-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



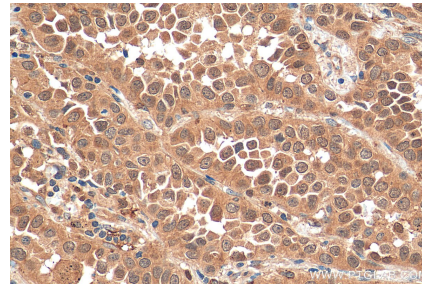
Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



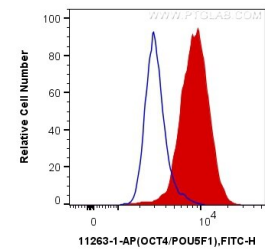
Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



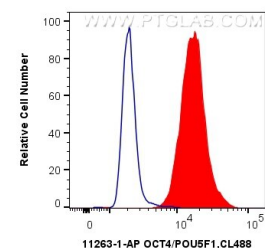
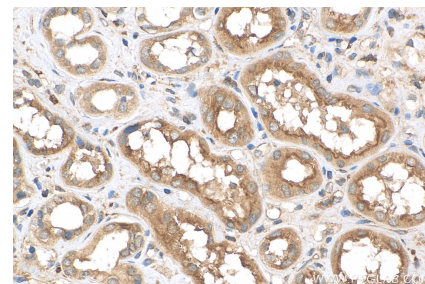
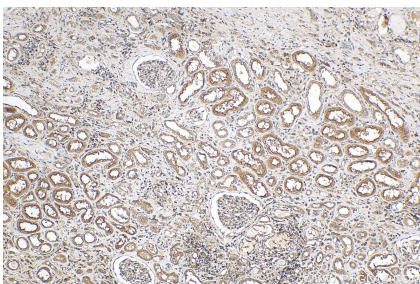
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 K-562 cells were intracellularly stained with 0.4 ug Anti-Human OCT4/POU5F1 (11263-1-AP) and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 11263-1-AP (OCT4/POU5F1 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 human renal cell carcinoma tissue slide using 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

1×10^6 HEK-293T cells were intracellularly stained with 0.4 ug Anti-Human OCT4/POU5F1 (11263-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).