

Nur für Forschungszwecke

OCT4/POU5F1 Polyklonaler Antikörper



Katalog-Nr.: 11263-1-AP

Vorgestelltes Produkt

184 Publikationen

Allgemeine Informationen

Katalog-Nr.: 11263-1-AP	GenBank-Zugangsnummer: BC020712	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 750 µg/ml von Nanodrop;	GeneID (NCBI): 5460	Empfohlene Verdünnungen: WB 1:1000-1:5000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: POU class 5 homeobox 1	
Isotyp: IgG	Berechnete Masse: 39 kDa	
Immunogen Katalognummer: AG1794	Beobachtete Masse: 50-60 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Maus, Ratte, Ziege

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: NCCIT-Zellen, H7ES-Zellen, HEK-293-Zellen, HepG2-Zellen, HT-29-Zellen, Mausembryogewebe, Maushirngewebe, MCF-7-Zellen, Rattenhirngewebe, U-251-Zellen, U-87 MG-Zellen

IHC: humanes Lungenkarzinomgewebe,

IF: Maus-Augengewebe,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

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

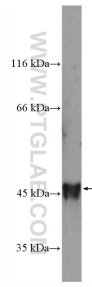
For technical support and original validation data for this product please contact:

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

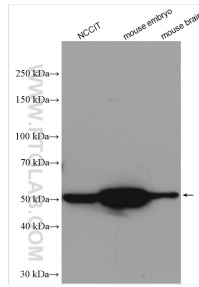
E: proteintech@ptglab.com
W: ptglab.com

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

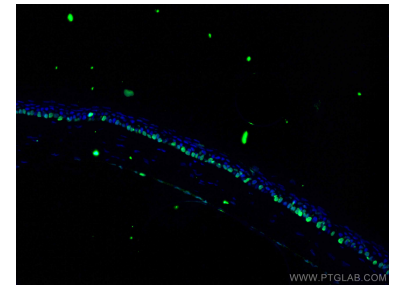
Ausgewählte Validierungsdaten



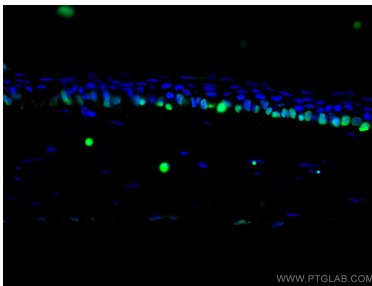
H7ES cells were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



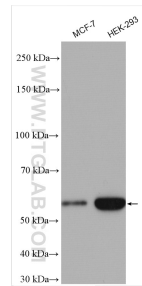
Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



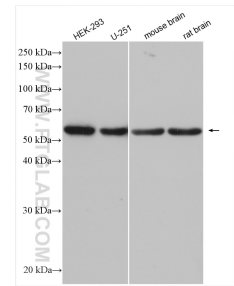
Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using OCT4 antibody (11263-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



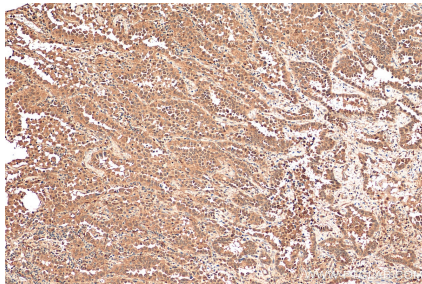
Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using OCT4 antibody (11263-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



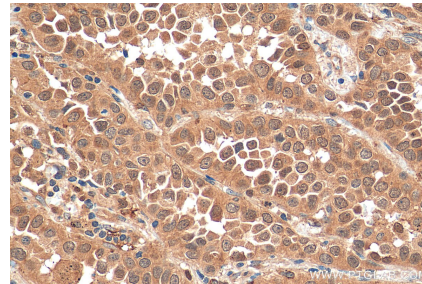
Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



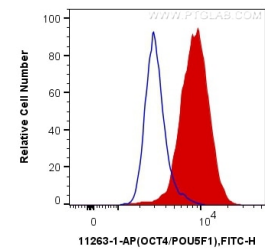
Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



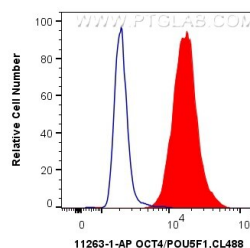
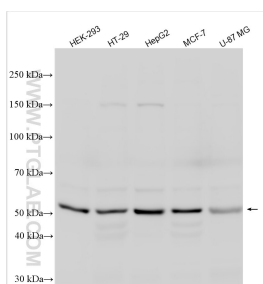
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



Various lysates were subjected to SDS PAGE followed by western blot with 11263-1-AP (OCT4/POU5F1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.

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).