

Nur für Forschungszwecke

SOX2 Monoklonaler Antikörper

Katalog-Nr.:66411-1-Ig

Vorgestelltes Produkt

26 Publikationen



Allgemeine Informationen

| | | |
|--|---|--|
| Katalog-Nr.: 66411-1-Ig | GenBank-Zugangsnummer: BC013923 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 150ul , Konzentration: 1900 µg/ml von6657 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): SRY (sex determining region Y)-box 2 | CloneNo.: 4B9B10 |
| Wirt: Maus | Berechnete Masse: 34 kDa | Empfohlene Verdünnungen: WB 1:1000-1:5000 IHC 1:50-1:500 IF 1:500-1:2000 |
| Isotyp: IgG1 | Beobachtete Masse: 34-40 kDa | |
| Immunogen Katalognummer: AG13635 | | |

Anwendungen

| | |
|---|---|
| Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA | Positivkontrollen: WB : U-251-Zellen, C6-Zellen, fetales humanes Hirngewebe, Hausschwein-Hirngewebe, HEK-293-Zellen, MCF-7-Zellen IHC : humanes Lungenkarzinomgewebe, Mausembyogewebe, Maushirngewebe IF : Maushirngewebe, |
| In Publikationen genannte Anwendungen: IF, IHC, WB | |
| Getestete Reaktivität: Hausschwein, Human, Maus, Ratte | |
| Zitierte Arten: Human, Maus, Ratte | |
| Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen. | |

Hintergrundinformationen

Sox2, also known as SRY (sex determining region Y)-box 2, is a transcription factor essential for maintaining self-renewal of undifferentiated ES cells and is one of the key transcription factors used to reprogram mouse and human fibroblasts to a pluripotent state. Sox2 expressed in undifferentiated pluripotent stem cells and germ cells during development. This antibody is raised against an internal region of human SOX2.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-----------|-----------|---------------------|-----------|
| Qian Luo | 36175708 | Med Oncol | WB |
| Shuai Yu | 34616727 | Front Cell Dev Biol | WB |
| Liang Cao | 36159391 | Front Cell Neurosci | WB,IF |

Lagerung

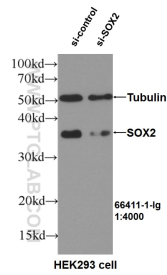
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

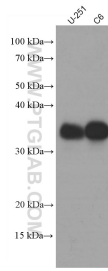
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

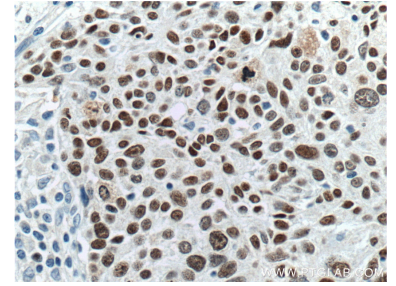
Ausgewählte Validierungsdaten



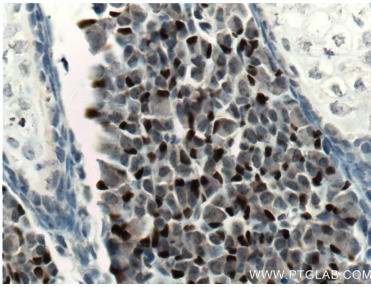
WB result of SOX2 antibody (66411-1-Ig, 1:4000) with si-Control and si-SOX2 transfected HEK293 cells..



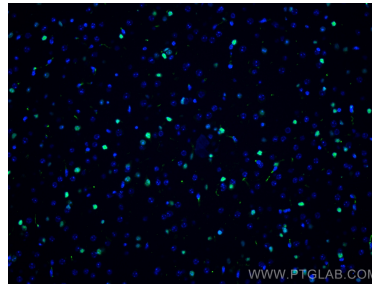
Various lysates were subjected to SDS PAGE followed by western blot with 66411-1-Ig (SOX2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



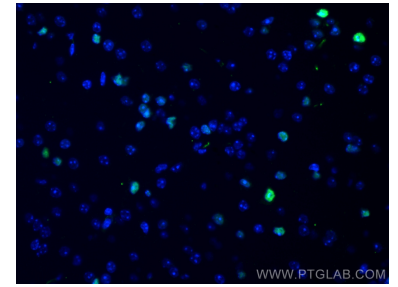
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66411-1-Ig (SOX2 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



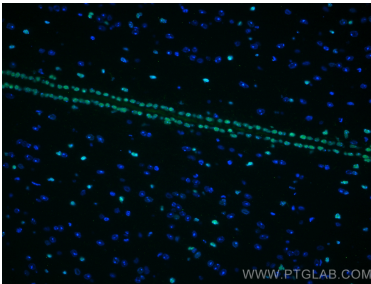
Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 66411-1-Ig (SOX2 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



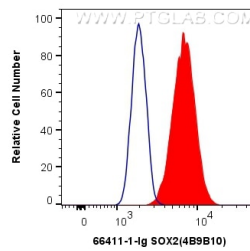
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SOX2 antibody (66411-1-Ig, Clone: 4B9B10) at dilution of 1:1000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SOX2 antibody (66411-1-Ig, Clone: 4B9B10) at dilution of 1:1000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SOX2 antibody (66411-1-Ig, Clone: 4B9B10) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 U-251 cells were intracellularly stained with 0.5 μ g Anti-Human SOX2 (66411-1-Ig, Clone: 4B9B10) (red) labeled with FlexAble CoraLite® Plus 555 Antibody Labeling Kit for Mouse IgG1 (KFA022), or 0.5 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).