

À des fins de recherche uniquement

Anticorps Monoclonal anti-SOX10

Numéro de catalogue: 66786-1-Ig **4 Publications**



Informations de base

Numéro de catalogue: 66786-1-Ig	Numéro d'acquisition GenBank: BC002824	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6663	CloneNo.: 1D2C8
Hôte: Mouse	Nom complet: SRY (sex determining region Y)-box 10	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:300-1:1200 IF 1:200-1:800
Isotype: IgG2a	MW calculé: 50 kDa	
Immunogen Catalog Number: AG23191	MW observés: 55-60 kDa	

Applications

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

Demandes citées:
IF

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
poulet, 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 A375,

IHC : tissu de mélanome malin humain, tissu cérébral de souris

IF : tissu cérébral de souris,

Informations générales

Sox10 is a transcription factor that has a crucial role in complex signalling pathways regulating central nervous system and neural crest development. The calculated molecular weight of SOX10 is 50 kDa, but modified SOX10 is about 55-60 kDa. (PMID: 23799842)

Publications notables

Autrice	Pubmed ID	Journal	Application
Subrajaa Manohar	33192560	Front Physiol	IF
Sonia Taïb	35019839	Elife	IF
Kate S Heffernan	35202614	J Neurosci Methods	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.

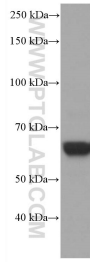
For technical support and original validation data for this product please contact:

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

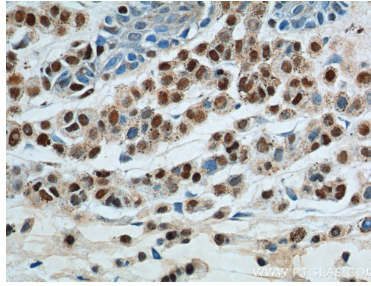
E: proteintech@ptglab.com
W: ptglab.com

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

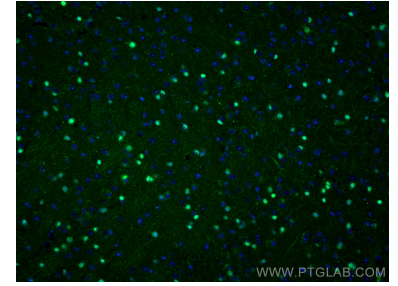
Données de validation sélectionnées



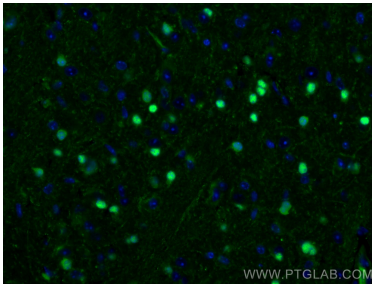
A375 cells were subjected to SDS PAGE followed by western blot with 66786-1-Ig (SOX10 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



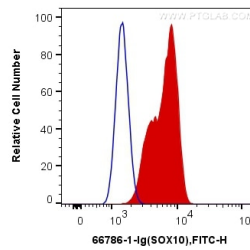
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66786-1-Ig (SOX10 antibody) at dilution of 1:300 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SOX10 antibody (66786-1-Ig, Clone: 1D2C8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SOX10 antibody (66786-1-Ig, Clone: 1D2C8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1x10⁶ C6 cells were intracellularly stained with 0.4 ug Anti-Human SOX10 (66786-1-Ig, Clone:1D2C8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).