

À des fins de recherche uniquement

Anticorps Monoclonal anti-TBP

Numéro de catalogue: CL488-66166



Informations de base

Numéro de catalogue: CL488-66166	Numéro d'acquisition GenBank: BC110341	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6908	CloneNo.: 2H3B2
Hôte: Mouse	Nom complet: TATA box binding protein	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé 338 aa, 38 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG12383		

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules C2C12, cellules A431
Spécificité de l'espèce: Humain, porc, rat, souris	

Informations générales

The TATA binding protein (TBP) is a transcription factor that binds specifically to a DNA sequence TATA box. This DNA sequence is found about 25-30 base pairs upstream of the transcription start site in some eukaryotic gene promoters. TBP, along with a variety of TBP-associated factors, make up the TFIID, a general transcription factor that in turn makes up part of the RNA polymerase II preinitiation complex. As one of the few proteins in the preinitiation complex that binds DNA in a sequence-specific manner, it helps position RNA polymerase II over the transcription start site of the gene. However, it is estimated that only 10-20% of human promoters have TATA boxes. Therefore, TBP is probably not the only protein involved in positioning RNA polymerase II. This antibody detects human TBP (~40 kDa) and mouse/rat Tbp (~35 kDa).

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

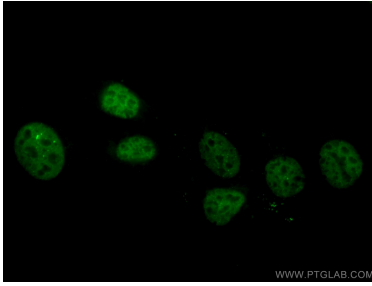
For technical support and original validation data for this product please contact:

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

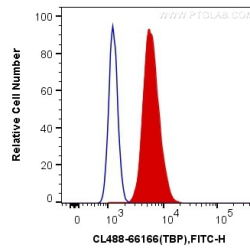
E: proteintech@ptglab.com
W: ptglab.com

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

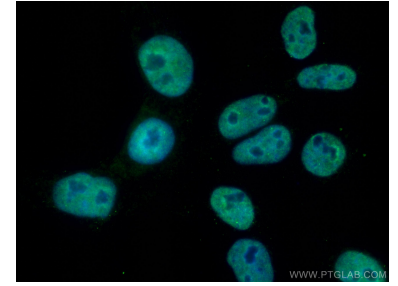
Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed C2C12 cells using CL488-66166 (TBP antibody) at dilution of 1:50.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human TBP (CL488-66166, Clone:2H3B2) (red), or 0.2 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 TBP antibody (CL488-66166, Clone: 2H3B2) at dilution of 1:100.