

Nur für Forschungszwecke

PHF10 Monoklonaler Antikörper

Katalog-Nr.: CL488-66341



Allgemeine Informationen

Katalog-Nr.:	GenBank-Zugangsnummer:	Reinigungsmethode:
CL488-66341	BC020954	Protein-G-Reinigung
Größe:	GenID (NCBI):	CloneNo.:
100ul, Konzentration: 1000 µg/ml von 55274	55274	4D4C6
Nanodrop;	Vollständiger Name:	Empfohlene Verdünnungen:
	PHD finger protein 10	IF 1:50-1:500
Wirz:	Berechneté Masse:	Anregungs-/Emissionsmaxima-
Maus	408 aa, 46 kDa	Wellenlängen:
Isotyp:	Beobachteté Masse:	493 nm / 522 nm
IgG1	56 kDa, 35 kDa	
Immunogen Katalognummer:		
AG19096		

Anwendungen

Geprüfte Anwendungen:	Positivkontrollen:
IF	IF : HEK-293-Zellen,
Getestete Reaktivität:	

Human

Hintergrundinformationen

PHF10, also named as BRG1-associated factor 45a, is a 498 amino acid protein, which locate in the nucleus and Belongs to the SAVP family. PHF10 Involve in transcription activity regulation by chromatin remodeling. It Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and is required for the proliferation of neural progenitors. During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth. PHF10 exists as several isoform and the calculated molecular weight of each isoform is 42 kDa, 37 kDa, 51 kDa, and 56 kDa.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glyzerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

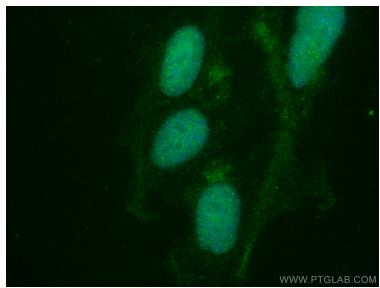
*** 20ul-Größen enthalten 0.1% BSA

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



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using Coralite®488 PHF10 antibody (CL488-66341, Clone: 4D4C6) at dilution of 1:100.