

Nur für Forschungszwecke

PTBP1 Monoklonaler Antikörper

Katalog-Nr.:67462-1-Ig

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: 67462-1-Ig	GenBank-Zugangsnummer: BC013694	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 2000 µg/ml von5725 Nanodrop;	GeneID (NCBI): 1	CloneNo.: 3D6D8
Wirt: Maus	Vollständiger Name: polypyrimidine tract binding protein	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 59 aa, 6 kDa	
Immunogen Katalognummer: AG28404	Beobachtete Masse: 60 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

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

Positivkontrollen:

WB: A549-Zellen, 4T1-Zellen, HeLa-Zellen, LNCaP-Zellen, NIH/3T3-Zellen, PC-12-Zellen

IHC: humanes Kolonkarzinomgewebe, humanes Pankreaskarzinomgewebe

IF: A375-Zellen, Maushirngewebe

Hintergrundinformationen

Polypyrimidine tract-binding protein (PTBP1), also known as heterogeneous nuclear ribonucleoprotein type I (hnRNP I), is a nuclear protein that binds pre-mRNAs in specific regions of the hnRNA-protein complexes sensitive to micrococcal nuclease. It involves in pre-mRNA splicing and the regulation of alternative splicing events. PTBP1 promotes RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA, and promotes the binding of U2 snRNP to pre-mRNA. Besides, it can cooperate with RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA, and represses the splicing of MAPT/Tau exon 10.

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

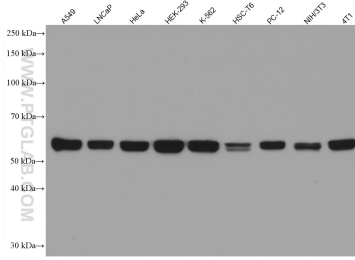
For technical support and original validation data for this product please contact:

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

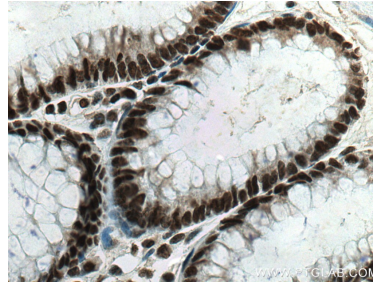
E: proteintech@ptglab.com
W: ptglab.com

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

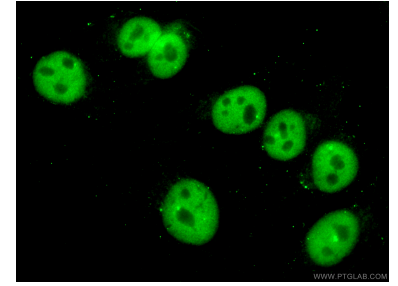
Ausgewählte Validierungsdaten



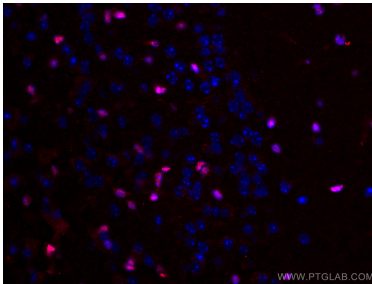
Various lysates were subjected to SDS PAGE followed by western blot with 67462-1-Ig (PTBP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



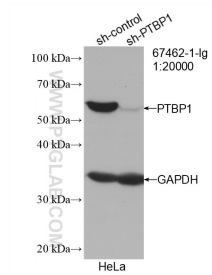
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67462-1-Ig (PTBP1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A375 cells using 67462-1-Ig (PTBP1 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 67462-1-Ig (PTBP1 antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of PTBP1 antibody (67462-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PTBP1 transfected HeLa cells.