

Nur für Forschungszwecke

PABPN1 Monoklonaler Antikörper

Katalog-Nr.:66807-1-Ig

Vorgestelltes Produkt

4 Publikationen



Allgemeine Informationen

Katalog-Nr.:
66807-1-Ig

Größe:
150ul, Konzentration: 1857 µg/ml von 8106
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG27470

GenBank-Zugangsnummer:
BC010939

GeneID (NCBI):

Vollständiger Name:
poly(A) binding protein, nuclear 1

Berechnete Masse:
33 kDa

Beobachtete Masse:
50-56 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
3C12E12

Empfohlene Verdünnungen:
WB 1:1000-1:6000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, RIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: HeLa-Zellen, 4T1-Zellen, HEK-293-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen, NIH/3T3-Zellen, PC-12-Zellen

IP: Jurkat-Zellen,

Hintergrundinformationen

Poly(A) Binding Protein Nuclear 1 (PABPN1) is one of the isoforms of poly(A) binding protein (PABP) that locating to the nucleus in eukaryotic cells. And PABPN1 plays important role in mRNA stability by regulating of poly-A tail length, mRNA decay and proximal polyadenylation site (PAS) utilization at the 3'-UTR (PMID:23300856). Another report showed that PABPN1 shuttles between the nucleus and the cytoplasm to export poly(A) RNA from the nucleus (PMID:23601051). It is reported that PABPN1 is ubiquitously expressed in almost all tissues, however, mutations in PABPN1 causes Oculopharyngeal Muscular Dystrophy (OPMD) which affected in skeletal muscles specifically. Because of a mild reduction in PABPN1 levels is sufficient to induce muscle wasting (PMID:27152426). Acetylation, Methylation, Phosphoprotein are common post-translational modifications of PABPN1 protein. And 50-55 kDa bands have been reported (PMID: 29939290; 28361972).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
J J David Ho	34644561	Cell Rep	WB
Baiqing Tang	35963436	J Biol Chem	WB
Albertas Navickas	37156909	Nat Cell Biol	WB

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.

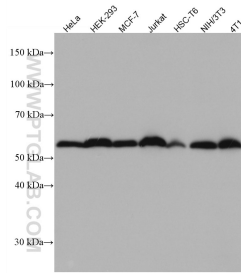
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

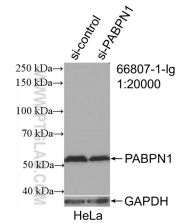
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



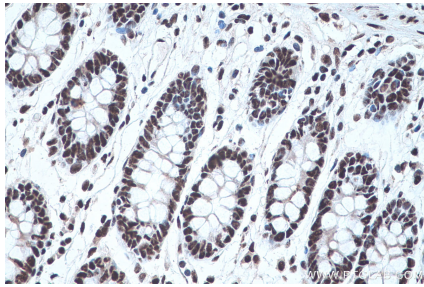
Various lysates were subjected to SDS PAGE followed by western blot with 66807-1-Ig (PABPN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of PABPN1 antibody (66807-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PABPN1 transfected HeLa cells.



IP result of anti-PABPN1 (IP:66807-1-Ig, 5ug; Detection:66807-1-Ig 1:600) with Jurkat cells lysate 1680 ug.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66807-1-Ig (PABPN1 antibody) at dilution of 1:1 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).