

À des fins de recherche uniquement

Anticorps Monoclonal anti-PABPN1

Numéro de catalogue: 66807-1-Ig

Phare

4 Publications



Informations de base

Numéro de catalogue:

66807-1-Ig

Numéro d'acquisition GenBank:

BC010939

Méthode de purification:

Purification par protéine G

Taille:

150ul, Concentration: 1857 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

8106

CloneNo.:

3C12E12

Hôte:

Mouse

Nom complet:

poly(A) binding protein, nuclear 1

Dilutions recommandées:

WB 1:1000-1:6000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

Isotype:

IgG1

MW calculé

33 kDa

MW observés:

50-56 kDa

Immunogen Catalog Number:

AG27470

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IHC, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules 4T1, cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules MCF-7, cellules NIH/3T3, cellules PC-12

IP : cellules Jurkat,

Informations générales

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).

Publications notables

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

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.

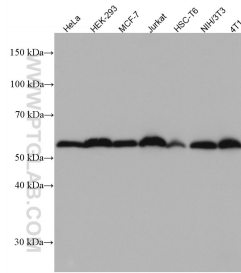
For technical support and original validation data for this product please contact:

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

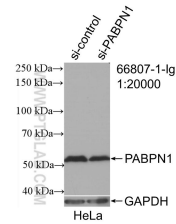
E: proteintech@ptglab.com
W: ptglab.com

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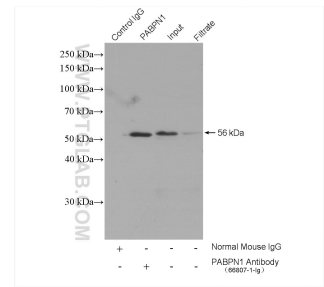
Données de validation sélectionnées



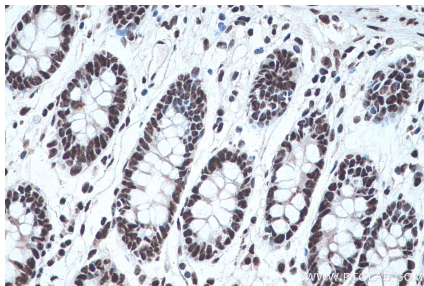
Various lysates were subjected to SDS PAGE followed by western blot with 66807-1-Ig (PABPN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).