Leader in Biomolecular Solutions for Life Science

www.abclonal.com

PABPC1 Rabbit mAb

Catalog No.: A24646 Recombinant

Basic Information

Observed MW
71kDa

Calculated MW
71kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC,IP

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC63433

Background

This gene encodes a poly(A) binding protein. The protein shuttles between the nucleus and cytoplasm and binds to the 3' poly(A) tail of eukaryotic messenger RNAs via RNA-recognition motifs. The binding of this protein to poly(A) promotes ribosome recruitment and translation initiation; it is also required for poly(A) shortening which is the first step in mRNA decay. The gene is part of a small gene family including three protein-coding genes and several pseudogenes.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

Immunogen Information

Gene ID
26986

Swiss Prot
P11940

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 390-490 of human PABPC1 (NP_002559.2).

Synonyms
PAB1; PABP; PABP1; PABPC2; PABPL1; PABPC1

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

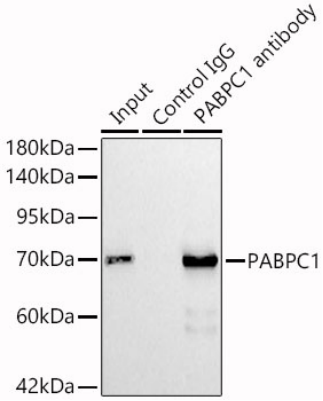
Source
Rabbit

Isotype
IgG

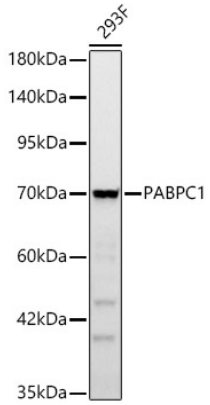
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

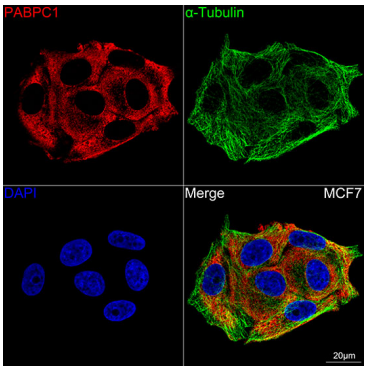
Validation Data



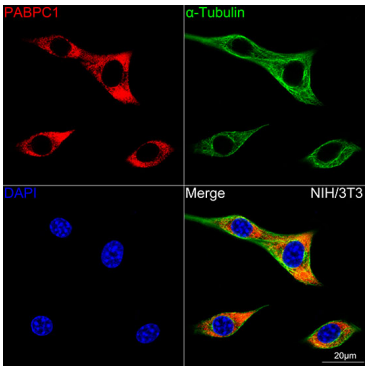
Immunoprecipitation analysis of 300ug extracts of 293F cells using 3ug PABPC1 antibody (A24646 1:100). Western blot was performed from the immunoprecipitate using PABPC1 antibody (A24646) at a dilition of 1:1000.



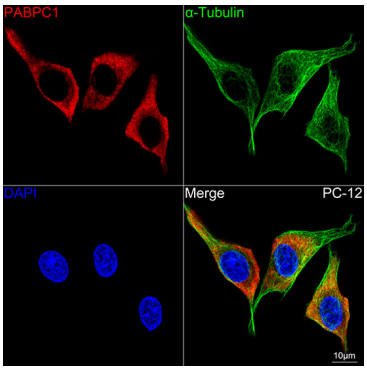
Western blot analysis of lysates from 293F cells, using PABPC1 Rabbit mAb (A24646) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Confocal imaging of MCF7 cells using PABPC1 Rabbit mAb (A24646,at dilution of 1:200) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.

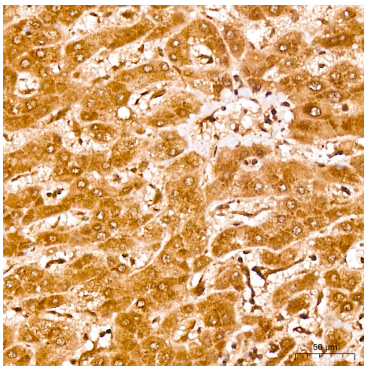


Confocal imaging of NIH/3T3 cells using PABPC1 Rabbit mAb (A24646,at dilution of 1:200) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.

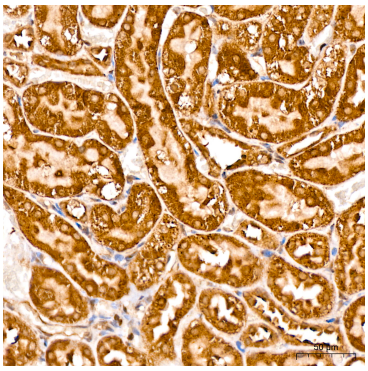


Confocal imaging of PC-12 cells using PABPC1 Rabbit mAb (A24646,at dilution of 1:200) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.

Validation Data



Immunohistochemistry analysis of PABPC1 in paraffin-embedded human liver using PABPC1 Rabbit mAb (A24646) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PABPC1 in paraffin-embedded rat kidney using PABPC1 Rabbit mAb (A24646) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.