

PABPC3 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22175a

Specification

PABPC3 Antibody (N-Term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q9H361
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	70031

PABPC3 Antibody (N-Term) - Additional Information

Gene ID 5042

Other Names

Polyadenylate-binding protein 3, PABP-3, Poly(A)-binding protein 3, Testis-specific poly(A)-binding protein, PABPC3, PABP3, PABPL3

Target/Specificity

This PABPC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 84-117 amino acids from human PABPC3.

Dilution

WB~~1:2000

IHC-P~~1:25

FC~~1:25

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PABPC3 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PABPC3 Antibody (N-Term) - Protein Information

Name PABPC3

Synonyms PABP3, PABPL3

Function Binds the poly(A) tail of mRNA. May be involved in cytoplasmic regulatory processes of mRNA metabolism. Binds poly(A) with a slightly lower affinity as compared to PABPC1.

Cellular Location

Cytoplasm.

Tissue Location

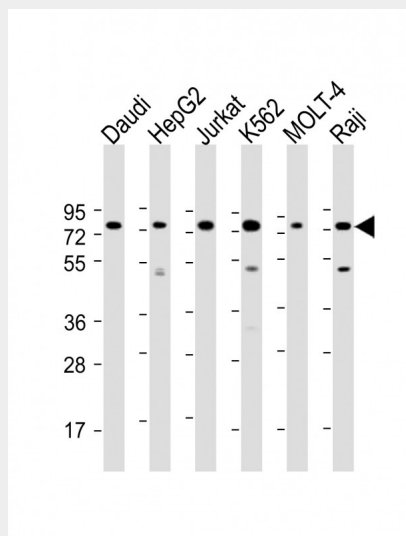
Testis specific..

PABPC3 Antibody (N-Term) - Protocols

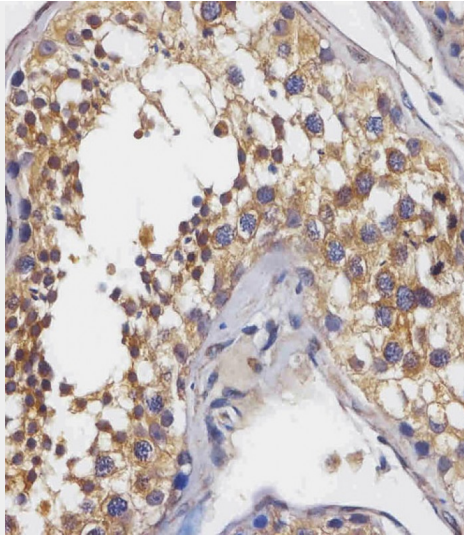
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

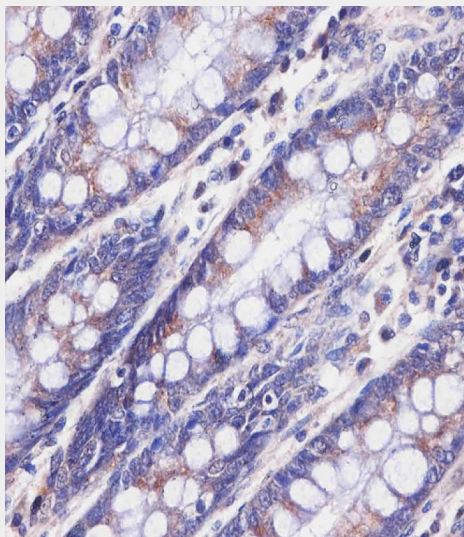
PABPC3 Antibody (N-Term) - Images



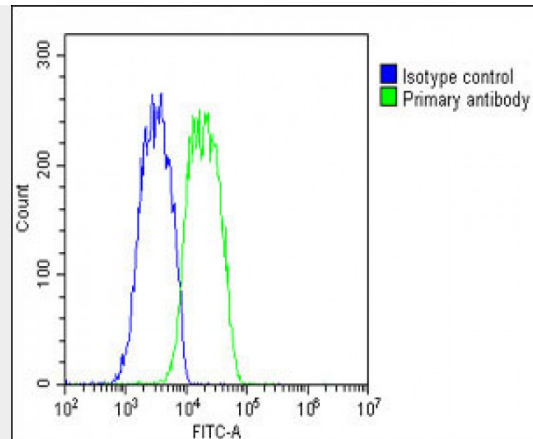
All lanes : Anti-PABPC3 Antibody (N-Term) at 1:2000 dilution Lane 1: Daudi whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: K562 whole cell lysate Lane 5: MOLT-4 whole cell lysate Lane 5: Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 70 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



AP22175a staining PABPC3 in human testis tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



AP22175a staining PABPC3 in human colon tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing HepG2 cells stained with AP22175a (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22175a, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed (OH191631) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

PABPC3 Antibody (N-Term) - Background

Binds the poly(A) tail of mRNA. May be involved in cytoplasmic regulatory processes of mRNA metabolism. Binds poly(A) with a slightly lower affinity as compared to PABPC1.

PABPC3 Antibody (N-Term) - References

Feral C., et al. Nucleic Acids Res. 29:1872-1883 (2001).
Wiemann S., et al. Genome Res. 11:422-435 (2001).