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Product datasheet for TA359695

PABPC4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PABPC4
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	72 kDa
Gene Name:	poly(A) binding protein cytoplasmic 4
Database Link:	<u>NP_001129125.1</u> <u>Entrez Gene 8761 Human</u> <u>Q13310-3</u>



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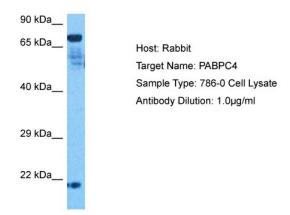
Section 2015 PABPC4 Rabbit Polyclonal Antibody – TA359695

Background:Poly(A)-binding proteins (PABPs) bind to the poly(A) tail present at the 3-prime ends of most
eukaryotic mRNAs. PABPC4 or IPABP (inducible PABP) was isolated as an activation-induced T-
cell mRNA encoding a protein. Activation of T cells increased PABPC4 mRNA levels in T cells
approximately 5-fold. PABPC4 contains 4 RNA-binding domains and proline-rich C terminus.
PABPC4 is localized primarily to the cytoplasm. It is suggested that PABPC4 might be
necessary for regulation of stability of labile mRNA species in activated T cells. PABPC4 was
also identified as an antigen, APP1 (activated-platelet protein-1), expressed on thrombin-
activated rabbit platelets. PABPC4 may also be involved in the regulation of protein
translation in platelets and megakaryocytes or may participate in the binding or stabilization
of polyadenylates in platelet dense granules. Alternatively spliced transcript variants
encoding different isoforms have been found for this gene.

Synonyms:

APP-1; APP1; FLJ43938; iPABP; PABP4

Product images:



Host: Rabbit Target Name: PABPC4 Sample Tissue: 786-0 Whole Cell lysates Antibody Dilution: 1ug/ml

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