

Datasheet for ABIN1538105  
**anti-PABPC4 antibody (AA 219-247)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	PABPC4
Binding Specificity:	AA 219-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PABPC4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PABPC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 219-247 amino acids from the Central region of human PABPC4.
Clone:	RB37035
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PABPC4
Alternative Name:	PABPC4 ( <a href="#">PABPC4 Products</a> )
Background:	Poly(A)-binding proteins (PABPs) bind to the poly(A) tail present at the 3-prime ends of most

## Target Details

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.

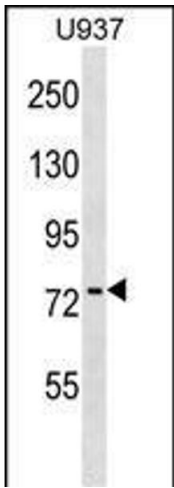
Molecular Weight:	70783
Gene ID:	8761
NCBI Accession:	<a href="#">NP_001129125</a> , <a href="#">NP_001129126</a> , <a href="#">NP_003810</a>
UniProt:	<a href="#">Q13310</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PABPC4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

**Image 1.** BPC4 Antibody (Center) (ABIN1538105 and ABIN2848880) western blot analysis in cell line lysates (35  $\mu$ g/lane). This demonstrates the BPC4 antibody detected the BPC4 protein (arrow).