

PAIP2B Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13963b

Specification

PAIP2B Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q9ULR5](#)

PAIP2B Antibody (C-term) Blocking peptide - Additional Information

Gene ID 400961

Other Names

Polyadenylate-binding protein-interacting protein 2B, PABP-interacting protein 2B, PAIP-2B, Poly(A)-binding protein-interacting protein 2B, PAIP2B, KIAA1155

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13963b was selected from the C-term region of PAIP2B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PAIP2B Antibody (C-term) Blocking peptide - Protein Information

Name PAIP2B

Synonyms KIAA1155

Function

Inhibits translation of capped and polyadenylated mRNAs by displacing PABPC1 from the poly(A) tail.

Tissue Location

Expressed in brain, cervix, heart, liver, ovary, kidney, prostate and testis.

PAIP2B Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PAIP2B Antibody (C-term) Blocking peptide - Images

PAIP2B Antibody (C-term) Blocking peptide - Background

Most mRNAs, except for histones, contain a 3-prime poly(A)tail. Poly(A)-binding protein (PABP; see MIM 604679) enhance translation by circularizing mRNA through its interaction with the translation initiation factor EIF4G1 (MIM 600495) and the poly(A)tail. Various PABP-binding proteins regulate PABP activity, including PAIP1 (MIM 605184), a translational stimulator, and PAIP2A (MIM 605604) and PAIP2B, translational inhibitors (Derry et al., 2006 [PubMed 17381337]).

PAIP2B Antibody (C-term) Blocking peptide - References

Berlanga, J.J., et al. RNA 12(8):1556-1568(2006) Derry, M.C., et al. Cold Spring Harb. Symp. Quant. Biol. 71, 537-543 (2006) :