

PAIP2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16769a**Specification**

PAIP2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9BPZ3](#)

PAIP2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 51247

Other Names

Polyadenylate-binding protein-interacting protein 2, PABP-interacting protein 2, PAIP-2, Poly(A)-binding protein-interacting protein 2, PAIP2, PAIP2A

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.

PAIP2 Antibody (N-term) Blocking Peptide - Protein Information

Name PAIP2

Synonyms PAIP2A

Function

Acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. Displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.

Cellular Location

Cytoplasm.

Tissue Location

Expressed at highest level in testis, but also abundant in brain, cervix, lung, ovary, placenta, adipose tissue, thymus and thyroid.

PAIP2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PAIP2 Antibody (N-term) Blocking Peptide - Images

PAIP2 Antibody (N-term) Blocking Peptide - Background

PAIP2 acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. Displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.

PAIP2 Antibody (N-term) Blocking Peptide - References

Graubert, T.A., et al. PLoS ONE 4 (2), E4583 (2009) :Berlanga, J.J., et al. RNA 12(8):1556-1568(2006)Yoshida, M., et al. EMBO J. 25(9):1934-1944(2006)Onesto, C., et al. J. Biol. Chem. 279(33):34217-34226(2004)Gouyon, F., et al. Biochem. J. 375 (PT 1), 167-174 (2003) :