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Human PAIP2 antibody

Catalog Number: ATGA0234

PRODUCT INFORMATION

Catalog number

ATGA0234

Clone No.

AT1C12

Product type

Monoclonal Antibody

UnitProt No.

Q9BPZ3

NCBI Accession No.

NP 057564

Alternative Names

Poly(A)-binding protein-interacting protein 2, PAIP2A, PABP- interacting protein 2, HSPC218, Poly(A)-binding protein-interacting protein 2 poly(A) binding protein interacting protein 2

PRODUCT SPECIFICATION

Antibody Host

Mouse

Reacts With

Human

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human PAIP2 (1-127aa) purified from E. coli

Isotype

IgG2b kappa

Purification Note

By protein-G affinity chromatography

Application

ELISA, WB

Usage

The antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.



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Storage

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

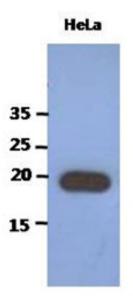
PAIP2 (Poly (A) -binding protein-interacting protein 2) is a 127 amino acid protein. PAIP binds to the polyadenylate-binding protein (PABP). There are two PAIP proteins called PAIP1 and PAIP2. PAIP2 acts as a repressor in the regulation of translation initiation of poly (A) -containing mRNAs. and Paip1 stimulates translation. PAIP2 contains two binding sites for PABP, one encompassing a 16-amino-acid stretch located in the C terminus and a second encompassing a larger central region.

General References

Khaleghpour, K., et al. (2001) Mol Cell Biol 7: 205-216. Khaleghpour, K., et al. (2001) Cell Biol 21: 5200-5213. vitkin, Y.V., et al. (2001) RNA 7: 1743-1752.

DATA

Western blot analysis (WB)



The cell lystate of HeLa (40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human PAIP2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

