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Datasheet for ABIN953979
anti-PAIP2 antibody (N-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	PAIP2
Binding Specificity:	AA 6-34, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAIP2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 6-34 amino acids from the N-terminal region of human PAIP2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human PAIP2 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	PAIP2
Alternative Name:	PAIP2 (PAIP2 Products)
Background:	PAIP2 acts as a repressor in the regulation of translation initiation of poly(A)-containing

Target Details

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. Synonyms: PABP-interacting protein 2, PAIP-2, PAIP2A, Poly(A)-binding protein-interacting protein 2, Polyadenylate-binding protein-interacting protein 2

Molecular Weight: 14984 Da

Gene ID: 51247

NCBI Accession: [NP_001028284](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

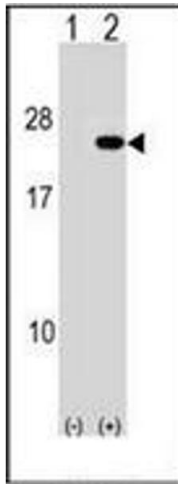
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

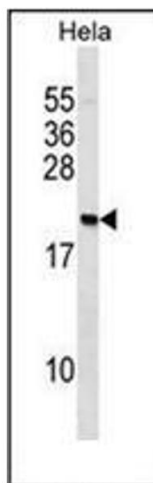
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of PAIP2 (arrow) using PAIP2 Antibody (N-term) Cat.-No AP53153PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PAIP2 gene.



Western Blotting

Image 2. Western blot analysis of PAIP2 Antibody (N-term) in HeLa cell line lysates (35ug/lane). This demonstrates the PAIP2 antibody detected the PAIP2 protein (arrow).