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Human Cyclophilin E/PPIE antibody

Catalog Number: ATGA0465

PRODUCT INFORMATION

Catalog number

ATGA0465

Clone No.

AT17E8

Product type

Monoclonal Antibody

UnitProt No.

Q9UNP9

NCBI Accession No.

NP 006103

Alternative Names

Peptidylprolyl isomerase E isoform 1, CYP-33, Cyclophilin E, PPlase E, Rotamase E, peptidylprolyl isomerase E (cyclophilin E), PPIE, Peptidylprolyl isomerase E isoform 1 Cyclophilin 33, CYP33, EC 5.2.1.8 Peptidyl prolyl cis trans isomerase E

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 PPIE (1-301aa) purified from E. coli

Isotype

IgG1 kappa

Purification Note

By protein-A 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

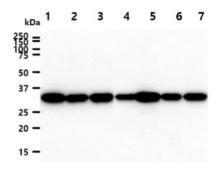
Cyclophilins possess the activity of peptidyl-prolyl cis-trans isomerase (PPlase) and are involved in cellular protein folding and protein interactions. PPIE contains two RNA binding domains at the N-terminal region and a PPlase domain at the C-terminal region. It was not known what cellular and physiological roles of PPIE.

General References

Wang Y., et al. (2008) Genomics. FEBS Lett 582(5): 835-9. Mi H S., et al. (1996) FEBS Lett. 398: 201-5.

DATA

Western blot analysis (WB)



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

Lane 1.: HeLa cell lysate Lane 2.: Jurkat cell lysate Lane 3.: 293T cell lysate Lane 4.: A549 cell lysate Lane 5.: K562 cell lysate Lane 6.: MCF7 cell lysate Lane 7.: LnCap cell lysate

