

Cyclophilin F Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02364

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PPIF. AA range:86-135

Mol wt 22040

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Cyclophilin F Antibody

Synonyms PPIF; CYP3; Peptidyl-prolyl cis-trans isomerase F; mitochondrial; PPIase F; Cyclophilin F; Rotamase F

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

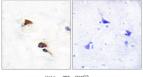
Peptidylprolyl isomerase F encoded by PPIF is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cistrans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein is part of the mitochondrial permeability transition pore in the inner mitochondrial membrane. Activation of this pore is thought to be involved in the induction of apoptotic and necrotic cell death.

Recommended Dilution

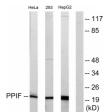
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

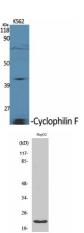
Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PPIF Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2, HeLa, and 293 cells, using PPIF Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cyclophilin F Polyclonal Antibody diluted at 1:2000

Western Blot analysis of HuvEc cells using Cyclophilin F Polyclonal Antibody diluted at 1:2000

Storage

-20°C for one year

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