



Cyclophilin F rabbit pAb

Cat No.:ES2089

For research use only

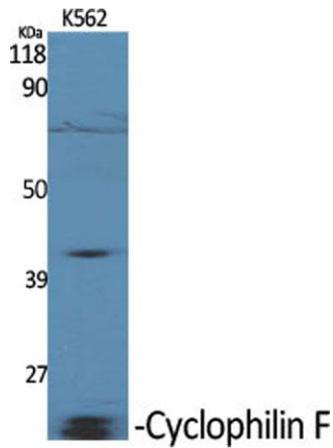
Overview

Product Name	Cyclophilin F rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PPIF. AA range:86-135
Specificity	Cyclophilin F Polyclonal Antibody detects endogenous levels of Cyclophilin F protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Peptidyl-prolyl cis-trans isomerase F mitochondrial
Gene Name	PPIF
Cellular localization	Mitochondrion matrix .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	22kD
Human Gene ID	10105
Human Swiss-Prot Number	P30405
Alternative Names	PPIF; CYP3; Peptidyl-prolyl cis-trans isomerase F; mitochondrial; PPIase F; Cyclophilin F; Rotamase F
Background	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein is

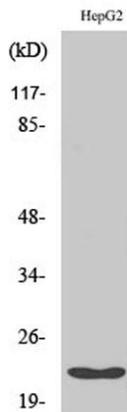




part of the mitochondrial permeability transition pore in the inner mitochondrial membrane. Activation of this pore is thought to be involved in the induction of apoptotic and necrotic cell death. [provided by RefSeq, Jul 2008],

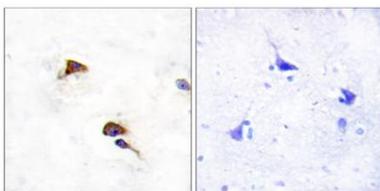


Western Blot analysis of various cells using Cyclophilin F Polyclonal Antibody diluted at 1:2000



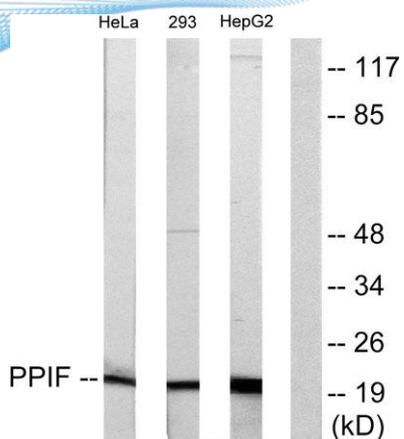
Western Blot analysis of HepG2 cells using Cyclophilin F Polyclonal Antibody diluted at 1:2000

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





ELK Biotechnology



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.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C