



Cyclophilin F Monoclonal Antibody

Catalog No	YP-mAb-03800
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PPIF
Immunogen	The antiserum was produced against synthesized peptide derived from human PPIF. AA range:86-135
Specificity	Cyclophilin F Monoclonal Antibody detects endogenous levels of Cyclophilin F protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PPIF-Specific;Cyclophilin D;Cyclophilin F;Cyp D;CyP-D;PPIF;Peptidyl-prolyl cis-trans isomerase F mitochondrial;CYP3;Peptidyl-prolyl cis-trans isomerase F; mitochondrial;PPLase F;Rotamase F
Observed Band	22kD
Calculated Molecular Weight	22kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	Blood,Cord blood,Ovary,
Function	catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0)., function:PPLases accelerate the folding of proteins.,function:PPLases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.,similarity:Belongs to the cyclophilin-type PPLase family.,similarity:Contains 1 PPLase cyclophilin-type domain.,
Background	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPLase) family. PPLases 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],

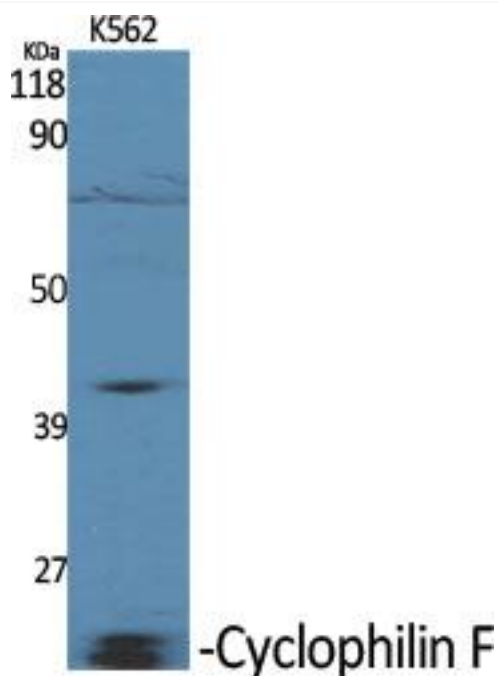
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Cyclophilin F Monoclonal Antibody