



# Cyclophilin F Monoclonal Antibody

Catalog No	BYmab-03800
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PPIF
Protein Name	Peptidyl-prolyl cis-trans isomerase F mitochondrial
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PPIF; CYP3; Peptidyl-prolyl cis-trans isomerase F; mitochondrial; PPlase F; Cyclophilin F; Rotamase F
Observed Band	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

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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],

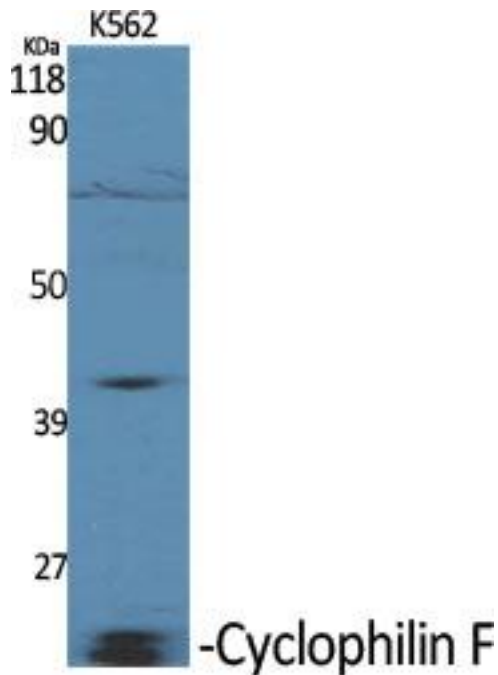
**matters needing attention**

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