

Cyclophilin F Rabbit mAb
Catalog # AP75319**Specification**

Cyclophilin F Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P30405
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	22040

Cyclophilin F Rabbit mAb - Additional Information**Gene ID** 10105**Other Names**
PPIF**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**Cyclophilin F Rabbit mAb - Protein Information****Name** PPIF**Synonyms** CYP3**Function**

PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding (PubMed:20676357). Involved in regulation of the mitochondrial permeability transition pore (mPTP) (PubMed:26387735). It is proposed that its association with the mPTP is masking a binding site for inhibiting inorganic phosphate (Pi) and promotes the open probability of the mPTP leading to apoptosis or necrosis; the requirement of the PPlase activity for this function is debated (PubMed:26387735). In cooperation with mitochondrial p53/TP53 is involved in activating oxidative stress-induced necrosis (PubMed:22726440). Involved in modulation of mitochondrial membrane F(1)F(0) ATP synthase activity and regulation of mitochondrial matrix adenine nucleotide levels (By similarity). Has anti-apoptotic activity independently of mPTP and in cooperation with BCL2 inhibits cytochrome c-dependent apoptosis (PubMed:19228691).

target="_blank">19228691).

Cellular Location
Mitochondrion matrix

Cyclophilin F Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cyclophilin F Rabbit mAb - Images



