

[KD Validated] Cyclophilin F Rabbit mAb

Catalog No.: A25355 **Recombinant**

Basic Information

Observed MW

22kDa

Calculated MW

22kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human

CloneNo number

ARC66521

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.

Recommended Dilutions

WB 1:3000 - 1:18000

IHC-P 1:300 - 1:3000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

10105

Swiss Prot

P30405

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CYP3; CypD; Cyp-M; Cyp-D

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

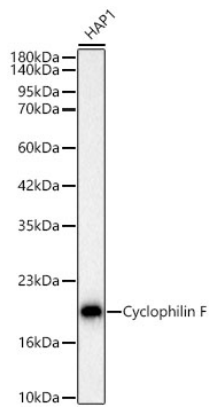
Affinity purification

Storage

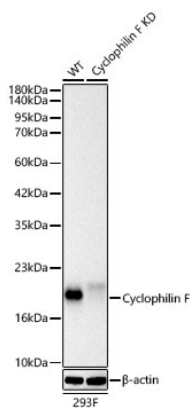
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

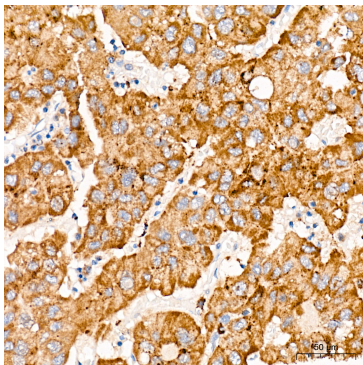
Validation Data



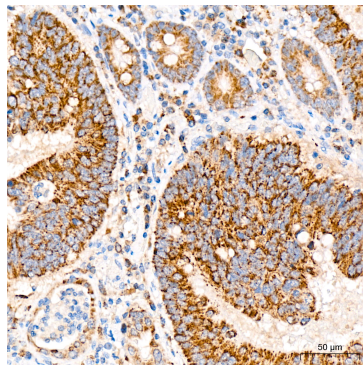
Western blot analysis of lysates from HAP1 cells using [KD Validated] Cyclophilin F Rabbit mAb (A25355) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Western blot analysis of lysates from wild type (WT) and Cyclophilin F knockdown (KD) 293F cells using [KD Validated] Cyclophilin F Rabbit mAb (A25355) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using [KD Validated] Cyclophilin F Rabbit mAb (A25355) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using [KD Validated] Cyclophilin F Rabbit mAb (A25355) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.