

订购热线: 4008-898-798

Anti-PPIF antibody

Cat. No.	ml122174
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-PPIF rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human PPIF
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PPIF
Full name	peptidylprolyl isomerase F
Synonyms	CYP3; CypD; CyP-M; Cyp-D
Swissprot	P30405

Target 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.

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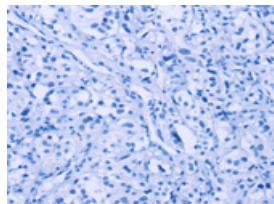
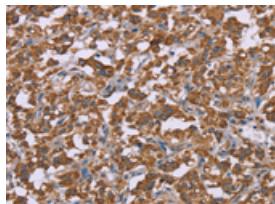
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 100-300

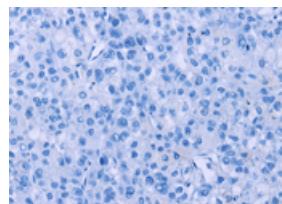
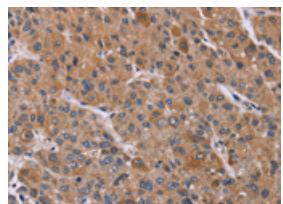


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml122174(PPIF Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml122174(PPIF Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 22 kDa

Positive control: PC3 and 293T cells, human liver cancer tissue and hela cells

Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

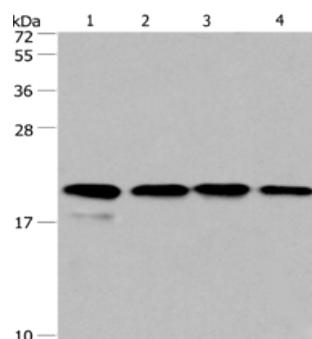
Lysate: 40 μ g

Lane 1-4: PC3 cells, 293T cells, human liver cancer tissue, hela cells

Primary antibody: ml122174(PPIF Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 2000-5000

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