

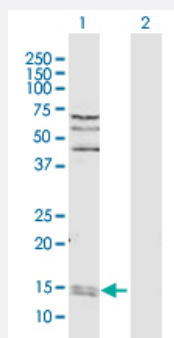
MaxPab®

PPIA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005478-D01P

Size 100 ug

Applications

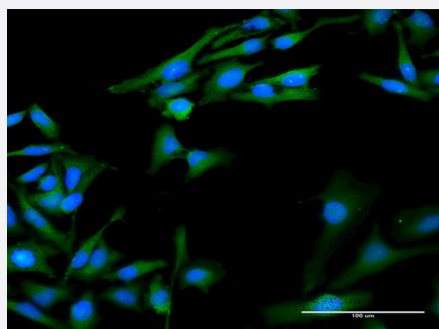


Western Blot (Transfected lysate)

Western Blot analysis of PPIA expression in transfected 293T cell line ([H00005478-T02](#)) by PPIA MaxPab polyclonal antibody.

Lane 1: PPIA transfected lysate(18.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PPIA on HeLa cell. [antibody concentration 20 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPIA protein.
Immunogen	PPIA (NP_066953.1, 1 a.a. ~ 165 a.a) full-length human protein.
Sequence	MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIPGFMCQGG DFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTEWLDGKHVVFGK VKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Host	Rabbit
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PPIA on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — PPIA

Entrez GeneID	5478
GeneBank Accession#	NM_021130
Protein Accession#	NP_066953.1
Gene Name	PPIA
Gene Alias	CYPA, CYPH, MGC117158, MGC12404, MGC23397
Gene Description	peptidylprolyl isomerase A (cyclophilin A)
Omim ID	123840
Gene Ontology	Hyperlink

Gene Summary

This gene encodes 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. The encoded protein is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions. Multiple pseudogenes that map to different chromosomes have been reported. [provided by RefSeq]

Other Designations

OTTHUMP00000025305|PPIase A|T cell cyclophilin|cyclosporin A-binding protein|peptidyl-prolyl cis-trans isomerase A|peptidylprolyl isomerase A|rotamase A

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Atherosclerosis](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)