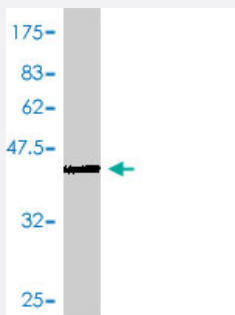


PPIA polyclonal antibody (A01)

Catalog # H00005478-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (44.26 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant PPIA.
Immunogen	PPIA (AAH00689.1, 1 a.a. ~ 165 a.a) full-length recombinant protein with GST tag.
Sequence	MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFYKGSCFHRIPGFMCQGG DFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTEWLDGKHVVFGK VKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44.26 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PPIA

Entrez GeneID [5478](#)

GeneBank Accession# [BC000689](#)

Protein Accession# [AAH00689.1](#)

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

Publication Reference

- [Serum Analysis of Women with Early-Stage Breast Cancer Using a Mini-Array of Tumor-Associated Antigens.](#)

Alma Rosa Oaxaca-Camacho, Oscar René Ochoa-Mojica, Adriana Aguilar-Lemarroy, Luis F Jave-Suárez, José Francisco Muñoz-Valle, Eduardo Padilla-Camberos, Juan Antonio Núñez-Hernández, Sara E Herrera-Rodríguez, Moisés Martínez-Velázquez, Ahtziri Socorro Carranza-Aranda, José Alfonso Cruz-Ramos, Abel Gutiérrez-Ortega, Rodolfo Hernández-Gutiérrez.

Biosensors 2020 Oct; 10(10):149.

Application: Dot, WB, Human, Serum from women with early-stage breast cancer

Disease

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