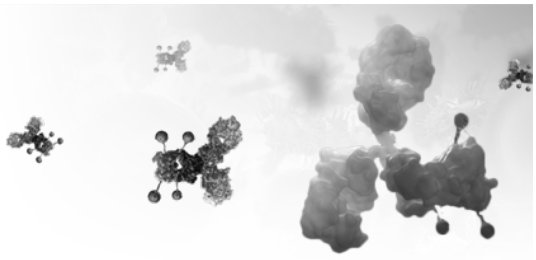

Anti-PPIA (full length) polyclonal antibody (DPAB-DC2361)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	PPIA (AAH00689.1, 1 a.a. ~ 165 a.a) full-length recombinant protein with GST tag. The sequence is MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	PPIA peptidylprolyl isomerase A (cyclophilin A) [Homo sapiens (human)]
Official Symbol	PPIA
Synonyms	PPIA; peptidylprolyl isomerase A (cyclophilin A); CYPA; CYPH; HEL-S-69p; peptidyl-prolyl cis-trans isomerase A; PPIase A; rotamase A; cyclophilin; T cell cyclophilin; cyclosporin A-binding protein; epididymis secretory sperm binding protein Li 69p;
Entrez Gene ID	5478
Protein Refseq	NP_066953
UniProt ID	P62937
Chromosome Location	7p13
Pathway	APOBEC3G mediated resistance to HIV-1 infection; Basigin interactions; Budding and maturation of HIV virion; Disease
Function	peptide binding; peptidyl-prolyl cis-trans isomerase activity; poly(A) RNA binding; protein binding

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