PPIA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPIA, Polyclonal Antibody
Full Product Name	PPIA (Peptidyl-prolyl Cis-trans Isomerase A, PPIase A, Cyclophilin A, Cyclosporin A-binding Protein, Rotamase A, CYPA, MGC117158, MGC12404, M
Product Gene Name	anti-PPIA antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PPIA.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	165
Chromosome Location	Chromosome: 7; NC_000007.13 (44836241..44842716). Location: 7p13
OMIM	123840
3D Structure	ModBase 3D Structure for P62937
Immunogen	Full length human PPIA, aa1-165 (NP_066953.1).
Immunogen Sequence	MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGFMCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMA
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-PPIA antibody	Antibodies; Cyclophilin
Applications Tested/Suitable for anti-PPIA antibody	Western Blot (WB)
Application Notes for anti-PPIA antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-PPIA antibody	PPIA is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bond protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, virions.
Other Notes	Small volumes of anti-PPIA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PPIA purchase	MBS6390315 is an antibody targeting PPIA. Also known as PPIA (Peptidyl-prolyl Cis-trans Isomerase A, PPIase A, Cyclophilin A, Cyclosporin A-bindin in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPIA. It may not necessarily be applicable to this product.

NCBI GI #	10863927
NCBI GeneID	5478
NCBI Accession #	NP_066953.1
UniProt Primary Accession #	P62937
UniProt Secondary Accession #	P05092; Q3KQW3; Q6IBU5; Q96IX3; Q9BRU4; Q9BTY9; Q9UC61; A8K220
UniProt Related Accession #	P62937
GenBank Nucleotide #	NM_021130
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A
NCBI Official Synonym Full Names	peptidylprolyl isomerase A (cyclophilin A)
NCBI Official Symbol	PPIA
NCBI Official Synonym Symbols	CYPA; CYPH
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase A
UniProt Synonym Protein Names	Cyclophilin A; Cyclosporin A-binding protein; Rotamase A
Protein Family	Peptidyl-prolyl cis-trans isomerase
UniProt Gene Name	PPIA
UniProt Synonym Gene Names	CYPA; PPIase A
UniProt Entry Name	PPIA_HUMAN
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase A; PPIase A; rotamase A; cyclophilin; T cell cyclophilin; cyclosporin A-binding protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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