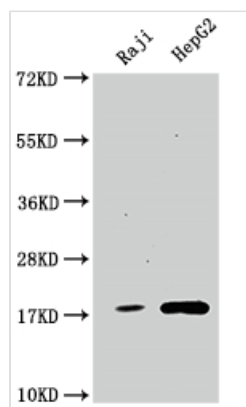




# PPIA Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA917671A0HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P62937
<b>Immunogen</b>	A synthesized peptide derived from human Cyclophilin A
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB; Recommended dilution: WB:1:500-1:5000
<b>Relevance</b>	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Immunology; Signal transduction
<b>Gene Names</b>	PPIA
<b>Clone No.</b>	4G3

## Image



### Western Blot

Positive WB detected in: Raji whole cell lysate,

HepG2 whole cell lysate

All lanes: Cyclophilin A antibody at 1:1500

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 19, 12 kDa

Observed band size: 19 kDa

## Description

PPIA, also known as cyclophilin A, is a widely expressed protein with the highest concentration in the central nervous system (CNS). This multifunctional protein possesses peptidyl-prolyl cis-trans isomerase activity, which is related to its role in protein folding and assembly. PPIA has been found to operate as a



molecular chaperone in addition to its action as a folding catalyst. PPIA is also a translational biomarker for amyotrophic lateral sclerosis and is enriched in aggregates isolated from amyotrophic lateral sclerosis and frontotemporal lobar degeneration patients.

The recombinant PPIA antibody was generated in vitro through inserting cloned PPIA genes into expression vectors. The expression vector was then inserted into a mammalian cell to express this PPIA antibody. It has been validated in ELISA, WB. Every step in the production was controlled strictly. You have no worries about the quality.