PPIA

## Reactivity:Human Mouse Rat

## Tested applications:WB IHC

Recommended Dilution:WB1:500-1:2000 IHC1:50-1:200

## Calculated MW:18kDa

Observed MW:Refer to Figures

## Immunogen:

Recombinant protein of human PPIA

## Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH7.3.
Concentration:
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Synonym:
PPIA;CYPA;CYPH;MGC117158;MGC12404;MGC23397 ;

## Background:

Cyclophilins are a highly conserved family of peptidylprolyl cis-trans-isomerases (PPIA) that are targets of the immunosuppressant drug cyclosporin A (CsA) (1,2). The complex of cyclophilin and CsA can bind to and inhibit calcineurin which leads to inhibition of the transcription factor NFAT and decreased production of cytokines $(3,4)$. As isomerases, cyclophilins have been proposed to aid in protein folding. Cyclophilin A can bind to the p55 Gag protein of HIV and appears necessary for HIV infection $(5,6)$. There is also some evidence that cyclophilins have nuclease activity and play a role in apoptosis (7).

To place an order, please Click HERE.

Catalog \#:A0993
Antibody Type:
Polyclonal Antibody
Species:Rabbit
Gene ID:5478
Isotype:IgG
Swiss Prot:P62937
Purity:Affinity purification

