

For Research Use Only

Cyclophilin E Recombinant antibody

Catalog Number: 85952-1-RR



Basic Information

Catalog Number:

85952-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7603

GenBank Accession Number:

BC004898

GeneID (NCBI):

10450

UNIPROT ID:

Q9UNP9

Full Name:

peptidylprolyl isomerase E
(cyclophilin E)

Calculated MW:

33 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

250296A6

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HEK-293T cells, Jurkat cells, BxPC-3 cells, K-562 cells

Background Information

Cyclophilin E (CypE), also known as Cyclophilin-33, Rotamase E, CYP33, PPIE, is an enzyme which belongs to the cyclophilin-type PPIase family of PPIase E subfamily (PMID: 15998457). Cyclophilin E negatively regulates influenza virus replication and transcription occurs by impairing the formation of the vRNP (PMID: 21887220). Additionally, Cyclophilin E plays an important role in osteoblast differentiation as a positive regulator by increasing the transcriptional activity of Runx2 (PMID: 37947627).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

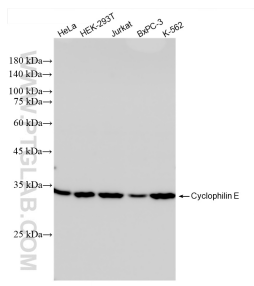
T: 4006900926

E: Proteintech-CN@ptglab.com

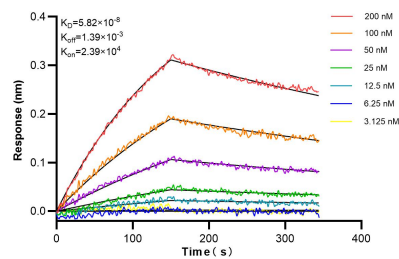
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85952-1-RR (Cyclophilin E antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85952-1-RR against Human Cyclophilin E were performed. The affinity constant is 58.2 nM.