

For Research Use Only

PARP14 Recombinant antibody, PBS Only

Catalog Number: 84039-6-PBS



Basic Information

Catalog Number:

84039-6-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35007

GenBank Accession Number:

NM_017554

GeneID (NCBI):

54625

UNIPROT ID:

Q460N5

Full Name:

poly (ADP-ribose) polymerase family, member 14

Calculated MW:

203kd

Observed MW:

200 kDa

Purification Method:

Protein A purification

CloneNo.:

241078C11

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PARP14 (poly (ADP-ribose) polymerase family, member 14) is a PARP family member that has roles in DNA repair, B cell regulation, and focal adhesion (PMID: 25753673). The largest of all the human PARPs is PARP14. PARP14 has been reported to regulate several different pathways involved in immunity, inflammation, and genome stability (PMID: 37703374).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

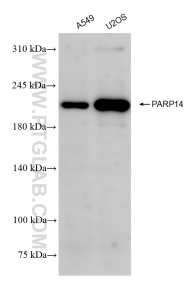
T: 4006900926

E: Proteintech-CN@ptglab.com

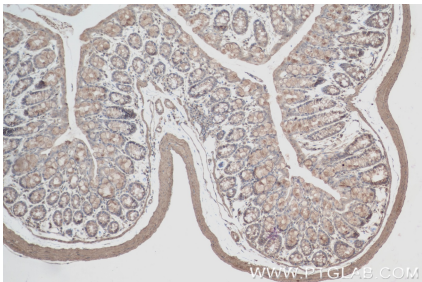
W: ptgcn.com

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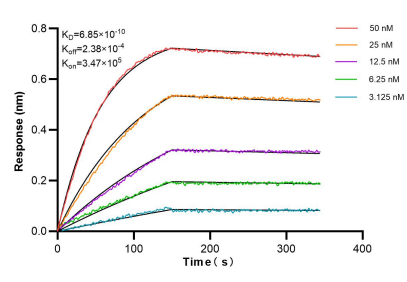
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84039-6-RR (PARP14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84039-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 84039-6-RR (PARP14 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84039-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84039-6-RR against Human PARP14 were performed. The affinity constant is 0.685 nM.