

For Research Use Only

PARP14 Recombinant antibody, PBS Only

Catalog Number:84039-6-PBS



Basic Information

Catalog Number: 84039-6-PBS	GenBank Accession Number: NM_017554	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54625	CloneNo.: 241078C11
Source: Rabbit	UNIPROT ID: Q460N5	
Isotype: IgG	Full Name: poly (ADP-ribose) polymerase family, member 14	
Immunogen Catalog Number: AG35007	Calculated MW: 203kd	
	Observed MW: 200 kDa	

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.

Storage Buffer:
PBS Only

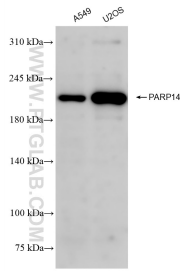
For technical support and original validation data for this product please contact:

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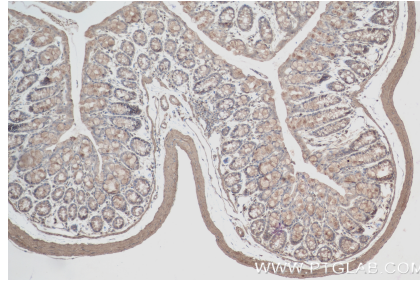
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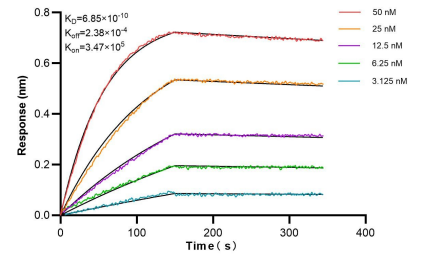
Selected Validation Data



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.



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