

For Research Use Only

XPR1 Recombinant antibody, PBS Only

Catalog Number: 84902-1-PBS



Basic Information

Catalog Number: 84902-1-PBS	GenBank Accession Number: BC041142	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9213	CloneNo.: 241788A7
Source: Rabbit	UNIPROT ID: Q9UBH6	
Isotype: IgG	Full Name: xenotropic and polytropic retrovirus receptor	
Immunogen Catalog Number: AG5373	Calculated MW: 696 aa, 82 kDa	
	Observed MW: 74 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

XPR1 is a receptor for xenotropic and polytropic murine leukemia retroviruses and a homolog of yeast Syg1 and plant Pi transporter PHO1 (PMID: 20633538). XPR1 has been identified as an atypical G-protein-coupled receptor. Xenotropic or polytropic retrovirus binding to XPR1 can disrupt the cAMP-mediated signaling function of Xpr1, leading to the apoptosis of infected cells (PMID: 22090134). A band of about 82-100 kDa is probably due to abnormal migration of the protein or post-translation modifications. In addition, a band of about 55-72 kDa may be isoforms and fragments.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

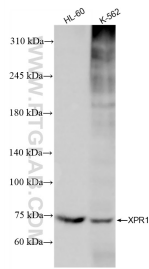
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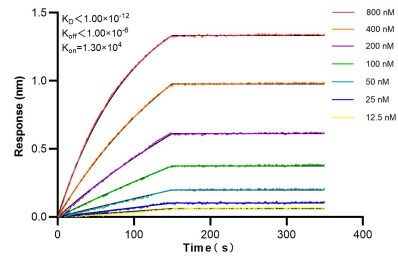
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84902-1-RR (XPR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84902-1-PBS in a different storage buffer formulation.



Biacore BLI kinetic assays of 84902-1-RR against Human XPR1 were performed. The affinity constant is below 1 pM.