For Research Use Only

XPR1 Recombinant antibody, PBS Only

Catalog Number:84902-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84902-1-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5373

GenBank Accession Number:
BC041142

GeneID (NCBI):
9213

UNIPROT ID:
Q9UBH6

Full Name:
xenotropic and polytropic retrovirus receptor

Calculated MW:
696 aa, 82 kDa

Observed MW:
74 kDa

Purification Method:
Protein A purfication

CloneNo.:
241788A7

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

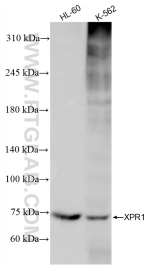
XPR1 is a receptor for xenotropic and polytropic murine leukemia retroviruses and a homolog of yeast Syg1 and plant Pi transporter PHO1 (PMID: 20633538). XPR1 has been identified as an atypical G-protein-coupled receptor. Xenotropic or polytropic retrovirus binding to XPR1 can disrupt the cAMP-mediated 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

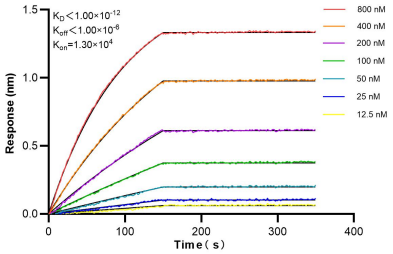
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.



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