

For Research Use Only

LRRFIP1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84778-2-PBS



Basic Information

Catalog Number:

84778-2-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34760

GenBank Accession Number:

BC108914

GeneID (NCBI):

9208

UNIPROT ID:

Q32MZ4

Full Name:

leucine rich repeat (in FLII)
interacting protein 1

Observed MW:

150-170 kDa

Purification Method:

Protein A purification

CloneNo.:

242161F10

Applications

Tested Applications:

WB, Cytometric bead array, Sandwich ELISA, Indirect
ELISA, Sample test

Species Specificity:

human

Background Information

LRRFIP1 is a transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-AGCCCCGGCG-3') and may regulate expression of TNF, EGFR and PDGFA. The endogenous LRRFIP1/GCF2 proteins in several human cell lines, the one expressed from LRRFIP1/GCF2 cDNA in reticulolysates, and the recombinant LRRFIP1/GCF2 protein produced in bacteria have migrated as a band with a molecular weight (MW) of 160 kDa in sodium dodecyl sulfate-polyacrylamide gel electrophoresis (SDS-PAGE).

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:

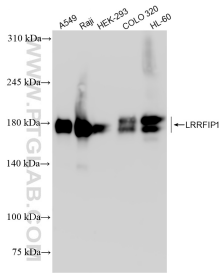
T: 4006900926

E: Proteintech-CN@ptglab.com

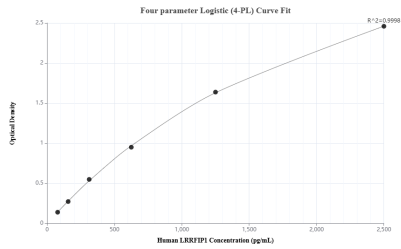
W: ptgcn.com

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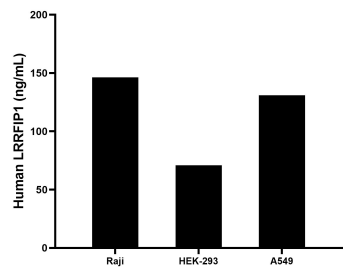
Selected Validation Data



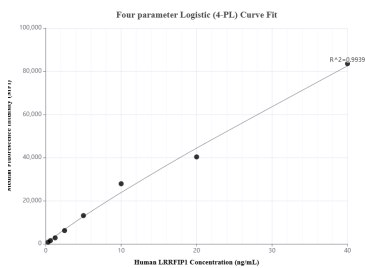
Various lysates were subjected to SDS PAGE followed by western blot with 84778-2-RR (LRRFIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84778-2-PBS in a different storage buffer formulation.



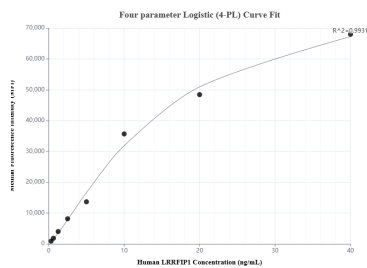
Sandwich ELISA standard curve of MP01600-1, Human LRRFIP1 Recombinant Matched Antibody Pair - PBS only. 84778-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34760. 84778-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



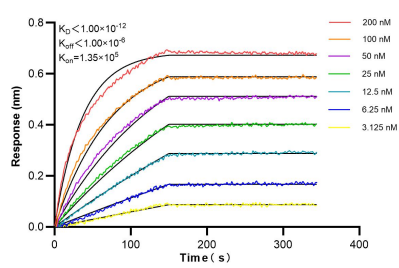
The mean LRRFIP1 concentration was determined to be 146.23 ng/mL in Raji cell extract based on a 1.4 mg/mL extract load, 70.95 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load and 131.01 ng/mL in A549 cell extract based on a 2.5 mg/mL extract load.



Cytometric bead array standard curve of MP01600-1, LRRFIP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84778-1-PBS. Detection antibody: 84778-2-PBS. Standard: Ag34760. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP01600-2, LRRFIP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84778-3-PBS. Detection antibody: 84778-2-PBS. Standard: Ag34760. Range: 0.313-40 ng/mL



Bi-layer interferometry (BLI) kinetic assays of 84778-2-RR against Human LRRFIP1 were performed. The affinity constant is below 1 pM.