

TRIM29 Recombinant antibody

Catalog Number: 86496-1-RR

Basic Information

Catalog Number:

86496-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11600

GenBank Accession Number:

BC017352

GeneID (NCBI):

23650

UNIPROT ID:

Q14134

Full Name:

tripartite motif-containing 29

Calculated MW:

588 aa, 66 kDa

Observed MW:

65 kDa

Purification Method:

Protein A purification

CloneNo.:

251298E11

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : BxPC-3 cells, HT-29 cells, HaCaT cells, BGC-823 cells, A431 cells

Background Information

TRIM29 (Tripartite motif-containing protein 29) is also named as ATDC (Ataxia telangiectasia group D-associated protein). ATDC protein physically interacted with the intermediate filament protein vimentin, a protein kinase C substrate and colocalizing protein, and with an inhibitor of protein kinase C, PKC11 (PMID:7644499). Knockdown of TRIM29 in airway epithelial cells enhances type I interferon production, and in human nasopharyngeal carcinoma cells results in almost complete Epstein-Barr virus clearance. TRIM29 is also highly induced by cytosolic double-stranded DNA in myeloid dendritic cells (PMID: 29038422). Western detected both full-length TRIM29 (65 kDa) and a truncated variant of TRIM29 with a molecular weight of about 50 kDa (PMID: 26095369).

Storage

Storage:

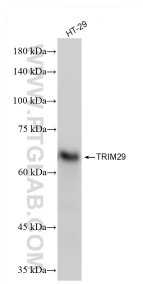
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

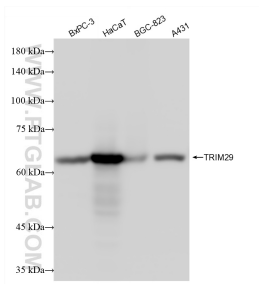
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

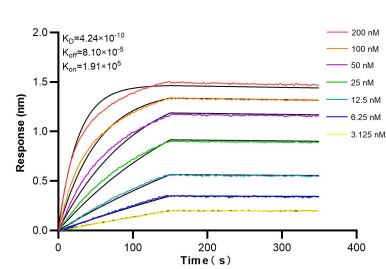
Selected Validation Data



HT-29 cells were subjected to SDS PAGE followed by western blot with 86496-1-RR (TRIM29 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 86496-1-RR (TRIM29 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86496-1-RR against Human TRIM29 were performed. The affinity constant is 0.424 nM.