

TRIM34 Recombinant antibody

Catalog Number: 83316-2-RR

Basic Information

Catalog Number:

83316-2-RR

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34444

GenBank Accession Number:

NM_001003827

GeneID (NCBI):

53840

UNIPROT ID:

Q9BYJ4

Full Name:

tripartite motif-containing 34

Calculated MW:

57 kDa

Observed MW:

31 kDa, 57 kDa

Purification Method:

Protein A purification

CloneNo.:

240180E2

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

Human

Positive Controls:

WB : K-562 cells, human placenta tissue

IF/ICC : HEK-293 cells,

Background Information

Tripartite motif 34 (TRIM34) is a member of TRIM family that can be highly induced by type I Interferon. TRIM34 has a stimulative role in cell apoptosis and a suppressive role in inflammation. TRIM34 serves a tumor suppressor role in the occurrence and development of colon cancer by enhancing cell apoptosis. TRIM34 possesses at least three kinds of isoforms: the long form at 97 kDa, medium form at 57 kDa, the short form 31 kDa (PMID: 11013086, 31956709).

Storage

Storage:

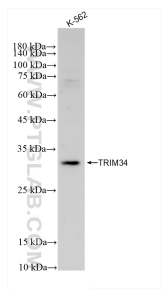
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

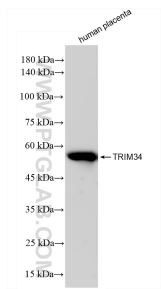
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

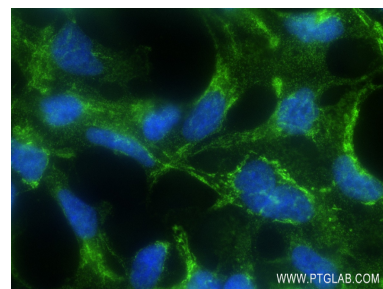
Selected Validation Data



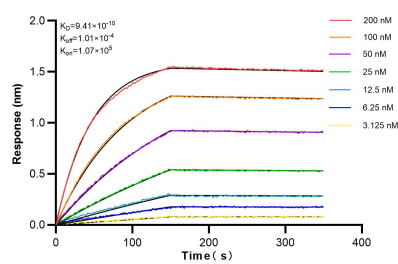
K-562 cells were subjected to SDS PAGE followed by western blot with 83316-2-RR (TRIM34 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



human placenta tissue were subjected to SDS PAGE followed by western blot with 83316-2-RR (TRIM34 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using TRIM34 antibody (83316-2-RR, Clone: 240180E2) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83316-2-RR against Human TRIM34 were performed. The affinity constant is 0.941 nM.