

For Research Use Only

# TRIM34 Recombinant antibody

Catalog Number: 83316-2-RR



## Basic Information

<b>Catalog Number:</b> 83316-2-RR	<b>GenBank Accession Number:</b> NM_001003827	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 53840	<b>CloneNo.:</b> 240180E2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BYJ4	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> tripartite motif-containing 34	
<b>Immunogen Catalog Number:</b> AG34444	<b>Calculated MW:</b> 57 kDa	
	<b>Observed MW:</b> 31 kDa, 57 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> K-562 cells, human placenta tissue <b>IF/ICC :</b> 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

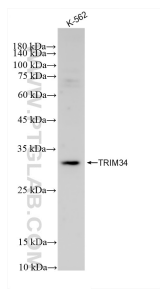
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

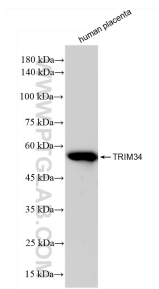
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

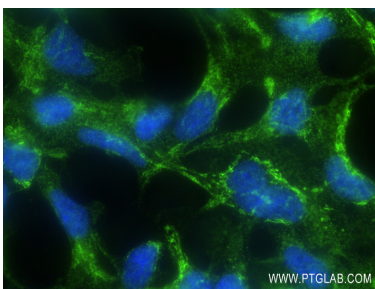
## Selected Validation Data



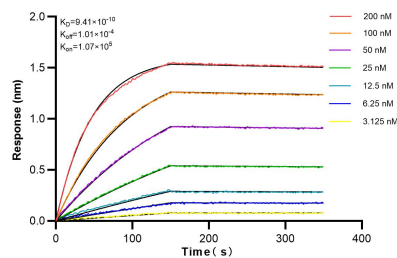
K-562 cells were subjected to SDS PAGE followed by western blot with 83316-2-RR (TRIM34 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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 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.