

For Research Use Only

TICAM2 Polyclonal antibody

Catalog Number: 19524-1-AP



Basic Information

Catalog Number:

19524-1-AP

Size:

200 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_021649

GeneID (NCBI):

353376

UNIPROT ID:

Q86XR7

Full Name:

toll-like receptor adaptor molecule 2

Calculated MW:

27 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

FC, IHC, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : PC-3 cells, HeLa cells, human testis tissue

IHC : human testis tissue, human prostate hyperplasia tissue

Background Information

TICAM2, also named as TIRAP3, TIRP and TRAM, is involved in IL1-triggered NF-kappa-B activation, functioning upstream of IRAK1, IRAK2, TRAF6, and IKKB. Physically bridges TLR4 and TICAM1 and functionally transmits LPS-TRL4 signal to TICAM1. TICAM2 is involved in LPS-TLR4 signaling to regulate the MYD88-independent pathway during the innate immune response to LPS. In WB, the MW of TICAM2 is about 27-32kd.

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

For technical support and original validation data for this product please contact:

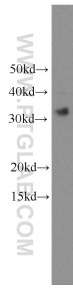
T: 4006900926

E: Proteintech-CN@ptglab.com

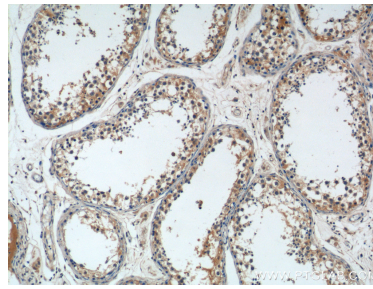
W: ptgcn.com

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

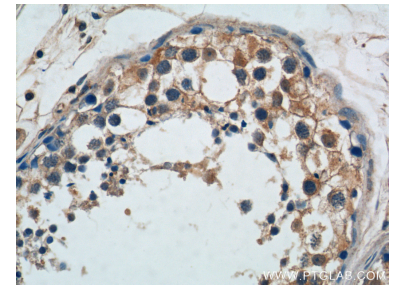
Selected Validation Data



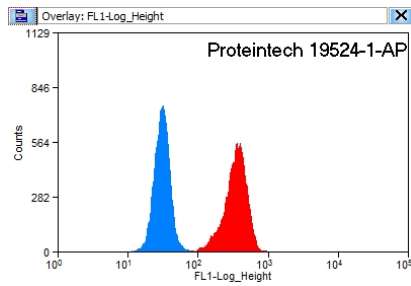
PC-3 cells were subjected to SDS PAGE followed by western blot with 19524-1-AP (TICAM2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19524-1-AP (TICAM2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19524-1-AP (TICAM2 Antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ HeLa cells were stained with 0.2ug TICAM2 antibody (19524-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.