

For Research Use Only

TICAM2 Polyclonal antibody

Catalog Number: 19524-1-AP



Basic Information

Catalog Number: 19524-1-AP	GenBank Accession Number: NM_021649	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 353376	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: toll-like receptor adaptor molecule 2	
Isotype: IgG	Calculated MW: 27 kDa	
	Observed MW: 32 kDa	

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

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

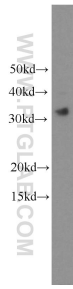
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

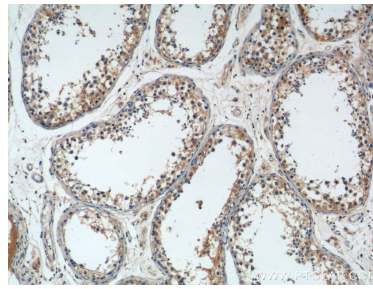
E: proteintech@ptglab.com
W: ptglab.com

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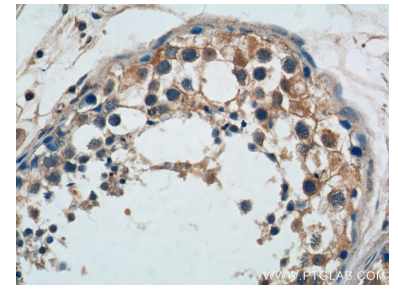
Selected Validation Data



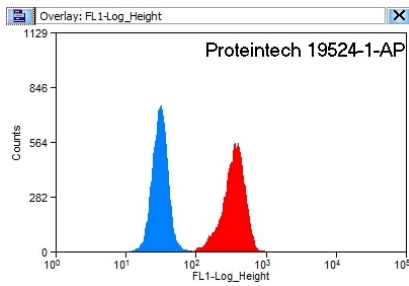
PC-3 cells were subjected to SDS PAGE followed by western blot with 19524-1-AP (TICAM2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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.