

For Research Use Only

TICAM2 Polyclonal antibody

Catalog Number: 19524-1-AP



Basic Information

Catalog Number:

19524-1-AP

Size:

150ul , Concentration: 200 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

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 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

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 : mouse brain tissue, HeLa cells, human testis tissue, PC-3 cells

IHC : mouse testis tissue, human prostate hyperplasia tissue, mouse brain tissue

Background Information

TICAM2, also named TIRAP3, TIRP, and TRAM, is involved in IL1-triggered NF-kappa-B activation, functioning upstream of IRAK1, IRAK2, TRAF6, and IKKBK. Physically bridges TLR4 and TICAM1 and functionally transmits LPS-TLR4 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 27-32 kDa.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

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)

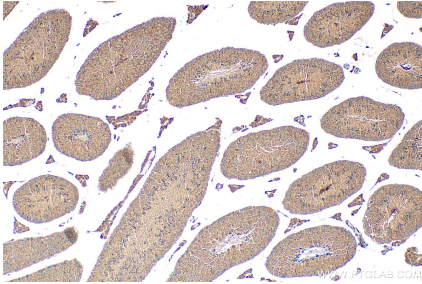
E: proteintech@ptglab.com
W: ptglab.com

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

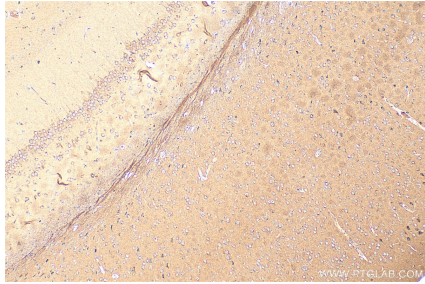
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 19524-1-AP (TICAM2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 19524-1-AP (TICAM2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19524-1-AP (TICAM2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).