

For Research Use Only

TICAM2 Polyclonal antibody

Catalog Number:19524-1-AP



Basic Information

Catalog Number:

19524-1-AP

Concentration:

450 ug/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 1:50-1:500

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 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 27-32 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

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

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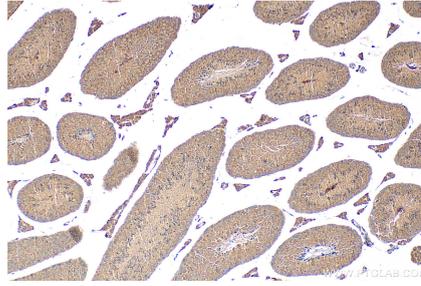
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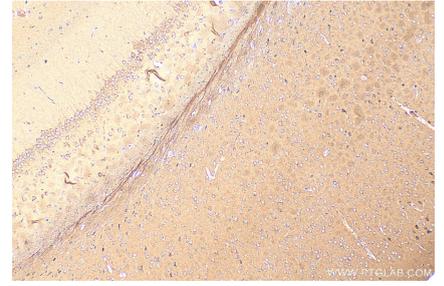
Selected Validation Data



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).