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TICAM2 / TRAM Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11535

Specification

TICAM2 / TRAM Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q86XR7
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

TICAM2 / TRAM Antibody (C-Terminus) - Additional Information

Gene ID 100302736;353376

Other Names
TIR domain-containing adapter molecule 2, TICAM-2, Putative NF-kappa-B-activating protein 502, TRIF-related adapter molecule, Toll-like receptor adaptor protein 3, Toll/interleukin-1 receptor domain-containing protein, MyD88-4, TICAM2, TIRAP3, TIRP, TRAM

Target/Specificity
Peptide corresponding to amino acids at the C terminus of human TIRP

Reconstitution & Storage
+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions
TICAM2 / TRAM Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TICAM2 / TRAM Antibody (C-Terminus) - Protein Information

Name TICAM2

Synonyms TIRAP3, TIRP, TRAM

Function
Functions as a sorting adapter in different signaling pathways to facilitate downstream signaling leading to type I interferon induction (PubMed:16603631, PubMed:16757566, PubMed:25385819, PubMed:25825441). In TLR4 signaling, physically bridges TLR4 and TICAM1 and functionally transmits signal to TICAM1 in early endosomes after endocytosis of TLR4. In TLR2 signaling, physically bridges TLR2 and MYD88 and is required for the TLR2- dependent movement of MYD88 to endosomes following ligand engagement (PubMed:<a href="http://www.uniprot.org/citations/25385819"

target="_blank">25385819). Involved in IL-18 signaling and is proposed to function as a sorting adapter for MYD88 in IL-18 signaling during adaptive immune response (PubMed:22685567). Forms a complex with RAB11FIP2 that is recruited to the phagosomes to promote the activation of the actin-regulatory GTPases RAC1 and CDC42 and subsequent phagocytosis of Gram-negative bacteria (PubMed:30883606).

Cellular Location
[Isoform 1]: Cytoplasm. Golgi apparatus. Cell membrane. Endoplasmic reticulum. Early endosome membrane. Late endosome membrane. Cell projection, phagocytic cup. Note=Localized to the plasma membrane as a result of myristoylation. Phosphorylation on Ser-16 leads to its depletion from the membrane. Upon LPS stimulation colcoalizes with isoform 2 in late endosomes

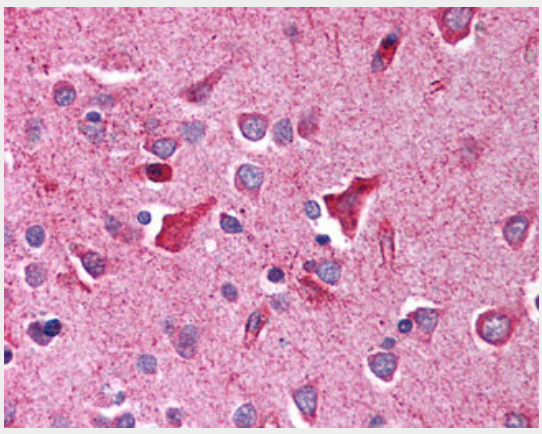
Tissue Location
Expressed in spleen, prostate, testis, uterus, small intestine, colon, peripheral blood leukocytes, heart, placenta, lung, liver, skeletal muscle, and pancreas Isoform 2 is ubiquitously expressed (at lower levels than isoform 1)

TICAM2 / TRAM Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TICAM2 / TRAM Antibody (C-Terminus) - Images



Anti-TICAM2 antibody IHC of human brain, cortex.