

Rabbit TICAM2 Polyclonal Antibody | anti-TICAM2 antibody

TICAM2 Antibody Affinity Purified

CATALOG # AAA75672	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA, Dot Blot
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PRODUCT SYNONYMS

TICAM2; Polyclonal Antibody; TICAM2 Antibody Affinity Purified; Putative NF-kappa-B-activating protein 502; TIR containing adapter molecule 2; TIR domain-containing adapter molecule 2; TIRAP3; TIRP; Toll-like receptor adaptor protein 3; Toll/interleukin-1 receptor domain-containing protein; TRAM; TRIF-related adapter molecule antibody; anti-TICAM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.50-0.75 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	235
Applicable Applications for anti-TICAM2 antibody	WB (Western Blot), ELISA, DB (Dot Blot)
Immunogen	Synthetic peptide corresponding to unique amino acid sequences on TRIF-related adapter molecule.
Expression	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).
Molecular Function	phospholipid binding, signal transducer activity
Structure	Homodimer. Interacts with TLR4, TICAM1, IRF3 and IRF7 in response to LPS. Interacts with IL1R1, IL1RAP, IRAK2, IRAK3 and TRAF6. Interacts with protein kinase-inactive mutants of IRAK1 and IRAK4. Isoform 1 interacts with isoform 2; the interaction occurs i
Subcellular Location	Isoform 1 : Cytoplasm. Golgi apparatus. Cell membrane. Endoplasmic Reticulum. Early endosome membrane. Late endosome membrane, Isoform 2 : Endoplasmic Reticulum. Early endosome membrane. Late endosome membrane, Isoform 2 : Endoplasmic Reticulum. Early end
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-TICAM2 antibody	Affinity Purified TRIF-related adapter molecule Antibody Functions as sorting adapter in LPS-TLR4 signaling to regulate the MYD88-independent pathway during the innate immune response to LPS. Physically bridges TLR4 and TICAM1 and functionally transmits LPS-TLR4 signal to TICAM1; signaling is proposed to occur in early endosomes after endocytosis of TLR4. May also be involved in IL1-triggered NF-kappa-B activation, functioning upstream of IRAK1, IRAK2, TRAF6, and IKKBK; however, reports are controversial. Involved in IL-18 signaling and is proposed to function as a sorting adaptor for MYD88 in IL-18 signaling during adaptive immune response.
Product Categories/Family for anti-TICAM2 antibody	Primary Antibodies; Immunology; Innate Immunity; TLR Signaling; TICAM2 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	29470173
UniProt Accession #	Q86XR7; Q6JUT2; B3Y698
Molecular Weight	46,173 Da
NCBI Official Full Name	TRIF-related adapter molecule
UniProt Protein Name	TIR domain-containing adapter molecule 2
UniProt Gene Name	TICAM2
UniProt Synonym Gene Names	TIRAP3; TIRP; TRAM; TICAM-2; MyD88-4
UniProt Entry Name	TCAM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.