Product Name: TCAM2 Rabbit Polyclonal Antibody
Catalog #: APRab18719

Summary

Production Name	TCAM2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TICAM2 TIRAP3 TIRP TRAM
Alternative Names	
Gene ID	100302736.0
SwissProt ID	Q86XR7.Synthesized peptide derived from part region of human protein

Application

Dilution Ratio	WB 1:500-2000 ELISA 1:5000-20000
Molecular Weight	25kD

Background

TIRP is a Toll/interleukin-1 receptor (IL1R; MIM 147810) (TIR) domain-containing adaptor protein involved in Toll receptor signaling (see TLR4; MIM 603030).[supplied by OMIM, Apr 2004],domain:The TIR domain mediates the interaction with

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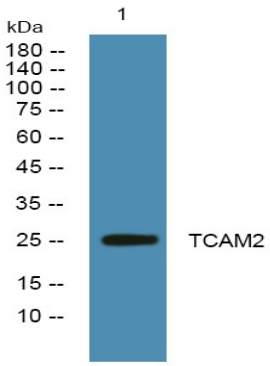
TRAF6.,function:Functions in LPS-TLR4 signaling to regulate the MYD88-independent pathway during the innate immune response to LPS. Also involved in IL1-triggered NF-kappa-B activation, functioning upstream of IRAK1, IRAK2, TRAF6, and IKBKB. Physically bridges TLR4 and TICAM1 and functionally transmits LPS-TRL4 signal to TICAM1.,PTM:Myristoylated. Required for membrane association which is critical for its ability to initiate efficient signaling.,PTM:Phosphorylated by PKCE in response to LPS. Phosphorylation is essential for its function. It is depleted from the membrane upon phosphorylation.,similarity:Belongs to the EMP24/GP25L family.,similarity:Contains 1 GOLD domain.,similarity:Contains 1 TIR domain.,subcellular location:Localized to the plasma membrane as a result of myristoylation. Phosphorylation on Ser-16 leads to its depletion from the membrane.,subunit: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.,tissue specificity:Expressed in spleen, prostate, testis, uterus, small intestine, colon, peripheral blood leukocytes, heart, placenta, lung, liver, skeletal muscle, and pancreas.,

Research Area

Toll_Like;

Image Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night

Note

For research use only.