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Product datasheet for TA306137

TRIF (TICAM1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	TRIF antibody can be used for detection of TRIF by Western blot at 1 to 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 10 µg/mL. For immunofluorescence start at 10 µg/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TRIF antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human TRIF.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TRIF Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	toll like receptor adaptor molecule 1
Database Link:	NP_891549 Entrez Gene 148022 Human Q8IUC6

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Background: TRIF is a member of the Toll/interleukin-1 receptor (TIR) family, a group of proteins that include the Toll-like receptors (TLRs) (1-3). TLRs are signaling molecules that recognize different pathogen-associated molecular patterns (PAMPs) and serve as an important link between the innate and adaptive immune responses (4). TRIF, along with other molecules such as TIRP, TIRAP, and MyD88, serves as an adaptor protein to several of the TLR molecules. Following activation of TLR3 and TLR4, TRIF engages the kinase TBK1 and allows its subsequent activation of the interferon regulatory factor (IRF)-3 (5). TRIF is also involved in the activation of TNF receptor associated factor (TRAF)-6, and ultimately the activation of NF-?B (6).

Synonyms: MGC35334; PRVTIRB; TICAM-1; TIR domain-containing adaptor molecule 1; TIR domain containing adaptor inducing interferon-beta; toll-like receptor adaptor molecule 1; TRIF