



Anti-TICAM1 (C-terminal) polyclonal antibody (CPBT-67739RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an adaptor protein containing a Toll/interleukin-1 receptor (TIR) homology domain, which is an intracellular signaling domain that mediates protein-protein interactions between the Toll-like receptors (TLRs) and signal-transduction components. This protein is involved in native immunity against invading pathogens. It specifically interacts with toll-like receptor 3, but not with other TLRs, and this association mediates dsRNA induction of interferon-beta through activation of nuclear factor kappa-B, during an antiviral immune response.
Specificity	CPBT-67739RH is specific for human TIR-domain-containing adapter-inducing IFN beta (TRIF), also known as TIR-containing adaptor molecule 1 (TICAM-1).
Immunogen	Synthetic peptide corresponding to a fourteen amino acid sequence within the C-terminal region of human TRIF.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antisera to human TRIF were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	1.0 mg/ml

Size	50 µg
Buffer	PBS
Preservative	0.02% Sodium Azide
Storage	<p>Store at +4° C or at -20° C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>

GENE INFORMATION

Gene Name	TICAM1 toll-like receptor adaptor molecule 1 [Homo sapiens (human)]
Official Symbol	TICAM1
Synonyms	TICAM1; toll-like receptor adaptor molecule 1; TRIF; IIAE6; MyD88-3; PRVTIRB; TICAM-1; TIR domain-containing adapter molecule 1; proline-rich, vinculin and TIR domain-containing protein B; toll-interleukin-1 receptor domain-containing adapter protein inducing interferon beta; TIR domain-containing adapter protein inducing IFN-beta
Entrez Gene ID	148022
Protein Refseq	NP_891549.1
Chromosome Location	19p13.3
Pathway	Activated TLR4 signalling; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon; Chagas disease; Cytosolic sensors of pathogen-associated DNA
Function	protein binding; protein kinase binding; signal transducer activity