



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	CPBT-67739RH is specific for human TIR-domain-containing adapter-inducing IFN beta (TRIF), also known as TIR-containing adaptor molecule 1 (TICAM-1).
<b>Immunogen</b>	Synthetic peptide corresponding to a fourteen amino acid sequence within the C-terminal region of human TRIF.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antisera to human TRIF were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	1.0 mg/ml

<b>Size</b>	50 µg
<b>Buffer</b>	PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	<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

<b>Gene Name</b>	<a href="#">TICAM1 toll-like receptor adaptor molecule 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TICAM1
<b>Synonyms</b>	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
<b>Entrez Gene ID</b>	<a href="#">148022</a>
<b>Protein Refseq</b>	<a href="#">NP_891549.1</a>
<b>Chromosome Location</b>	19p13.3
<b>Pathway</b>	Activated TLR4 signalling; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon; Chagas disease; Cytosolic sensors of pathogen-associated DNA
<b>Function</b>	protein binding; protein kinase binding; signal transducer activity