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Datasheet for ABIN7172205 anti-TICAM2 antibody (AA 1-235)

2 Images



Overview

Quantity:	100 µL
Target:	TICAM2
Binding Specificity:	AA 1-235
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TICAM2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human TIR domain-containing adapter molecule 2 protein (1-235AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TICAM2
Alternative Name:	TICAM2 (TICAM2 Products)
Background:	Background: 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

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	TICAM1 and functionally transmits LPS-TRL4 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 IKBKB, 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. Isoform 2: Proposed to inhibit LPS-
	TLR4 signaling at the late endosome by interaction with isoform 1 thereby disrupting the
	association of isoform 1 with TICAM1. May be involved in TLR4 degradation in late endosomes.
	Aliases: Putative NF-kappa-B-activating protein 502 antibody, TCAM2_HUMAN antibody,
	TICAM-2 antibody, TICAM2 antibody, TIR containing adapter molecule 2 antibody, TIR domain
	containing adaptor protein antibody, TIR domain-containing adapter molecule 2 antibody,
	TIRAP 3 antibody, TIRAP3 antibody, TIRAP3a short form antibody, TIRP antibody, Toll-like
	receptor adaptor protein 3 antibody, Toll/interleukin-1 receptor domain-containing protein
	antibody, TRAM antibody, TRIF-related adapter molecule antibody
UniProt:	Q86XR7
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of
	Bacterial Origin, Toll-Like Receptors Cascades

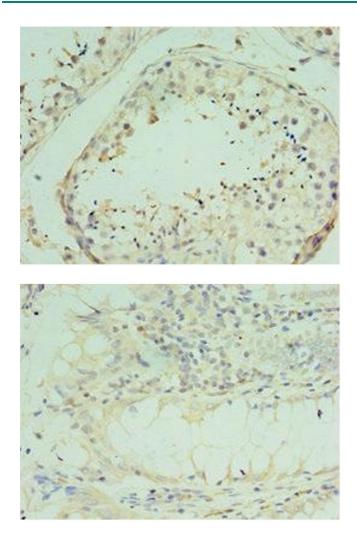
Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7172205 at dilution of 1:100

Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7172205 at dilution of 1:100

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