



[Go to Product page](#)

Datasheet for ABIN1881884

## anti-TIAM1 antibody (C-Term)

1 Image

3 Publications

### Overview

Quantity:	400 µL
Target:	TIAM1
Binding Specificity:	AA 1478-1506, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIAM1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This TIAM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1478-1506 amino acids from the C-terminal region of human TIAM1.
Clone:	RB41848
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	TIAM1
Alternative Name:	TIAM1 ( <a href="#">TIAM1 Products</a> )

## Target Details

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Background:	Modulates the activity of RHO-like proteins and connects extracellular signals to cytoskeletal activities. Acts as a GDP-dissociation stimulator protein that stimulates the GDP-GTP exchange activity of RHO-like GTPases and activates them. Activates RAC1, CDC42, and to a lesser extent RHOA.
Molecular Weight:	177508
NCBI Accession:	<a href="#">NP_003244</a>
UniProt:	<a href="#">Q13009</a>

## Application Details

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Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

## Handling

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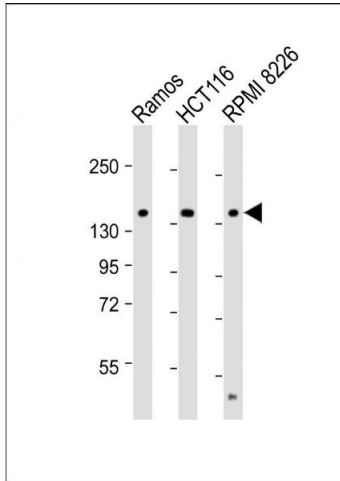
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Publications

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Product cited in:	<p>Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: <b>Journal of chromatography. A</b>, Vol. 1325, pp. 171-8, (2014) (<a href="#">PubMed</a>).</p> <p>Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection." in: <b>The Journal of infectious diseases</b>, Vol. 207, Issue 1, pp. 50-60, (2012) (<a href="#">PubMed</a>).</p> <p>Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of</p>
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the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).



#### Western Blotting

**Image 1.** All lanes : Anti-TI Antibody (C-term) at 1:2000 dilution Lane 1: Ramos whole cell lysate Lane 2: HC whole cell lysate Lane 3: RI 8226 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 178 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.