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Datasheet for ABIN7171463

**anti-TIAM2 antibody (AA 1500-1627) (Biotin)**

## Overview

Quantity:	100 µg
Target:	TIAM2
Binding Specificity:	AA 1500-1627
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIAM2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human T-lymphoma invasion and metastasis-inducing protein 2 protein (1500-1627AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	TIAM2
Alternative Name:	TIAM2 ( <a href="#">TIAM2 Products</a> )
Background:	Background: Modulates the activity of RHO-like proteins and connects extracellular signals to

## Target Details

cytoskeletal activities. Acts as a GDP-dissociation stimulator protein that stimulates the GDP-GTP exchange activity of RHO-like GTPases and activates them. Mediates extracellular laminin signals to activate Rac1, contributing to neurite growth. Involved in lamellipodial formation and advancement of the growth cone of embryonic hippocampal neurons. Promotes migration of neurons in the cerebral cortex. When overexpressed, induces membrane ruffling accompanied by the accumulation of actin filaments along the altered plasma membrane (By similarity).

Activates specifically RAC1, but not CDC42 and RHOA.

Aliases: FLJ41865 antibody, OTTHUMP00000017472 antibody, SIF and TIAM1 like exchange factor antibody, SIF and TIAM1-like exchange factor antibody, STEF antibody, T cell lymphoma invasion and metastasis 2 antibody, T lymphoma invasion and metastasis inducing protein 2 antibody, T-lymphoma invasion and metastasis-inducing protein 2 antibody, TIAM 2 antibody, TIAM-2 antibody, Tiam2 antibody, TIAM2\_HUMAN antibody

UniProt: [Q8IVF5](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.