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TIAM1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19942b

Specification

TIAM1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q13009
Other Accession	Q60610, NP_003244.2
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**1478-1506**

TIAM1 Antibody (C-term) - Additional Information

Gene ID 7074

Other Names
T-lymphoma invasion and metastasis-inducing protein 1, TIAM-1, TIAM1

Target/Specificity
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.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TIAM1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TIAM1 Antibody (C-term) - Protein Information

Name TIAM1 {ECO:0000303|PubMed:7731688, ECO:0000312|HGNC:HGNC:11805}

Function Guanyl-nucleotide exchange factor that activates RHO-like proteins and connects extracellular signals to cytoskeletal activities. Activates RAC1, CDC42, and to a lesser extent RHOA

and their downstream signaling to regulate processes like cell adhesion and cell migration.

Cellular Location
Cell junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Detected at the boundary between cells with actin-rich protrusions (By similarity). Presence of KRIT1, CDH5 and RAP1B is required for its localization to the cell junction

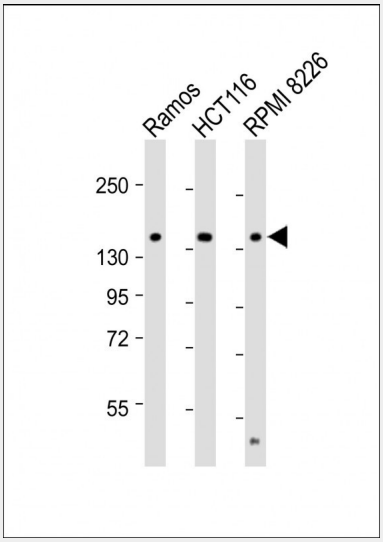
Tissue Location
Found in virtually all analyzed tumor cell lines including B- and T-lymphomas, neuroblastomas, melanomas and carcinomas

TIAM1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TIAM1 Antibody (C-term) - Images



All lanes : Anti-TIAM1 Antibody (C-term) at 1:2000 dilution Lane 1: Ramos whole cell lysate Lane 2: HCT116 whole cell lysate Lane 3: RPMI 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.

TIAM1 Antibody (C-term) - 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.

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TIAM1 Antibody (C-term) - References

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