

**TIAM2 Antibody (N-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS16144****Specification**

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**TIAM2 Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q8IVF5</a>
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	190kDa KDa

**TIAM2 Antibody (N-Terminus) - Additional Information****Gene ID** 26230**Other Names**

T-lymphoma invasion and metastasis-inducing protein 2, TIAM-2, SIF and TIAM1-like exchange factor, TIAM2, KIAA2016, STEF

**Target/Specificity**

Human TIAM2. This antibody is expected to recognize isoform a (NP\_036586.2) only.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

TIAM2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**TIAM2 Antibody (N-Terminus) - Protein Information****Name** TIAM2**Synonyms** KIAA2016, STEF**Function**

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. 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.

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q6ZPF3}. Cell projection, lamellipodium {ECO:0000250|UniProtKB:Q6ZPF3}. Cell projection, filopodium {ECO:0000250|UniProtKB:Q6ZPF3}. Cell projection, growth cone {ECO:0000250|UniProtKB:Q6ZPF3}. Cell projection, neuron projection {ECO:0000250|UniProtKB:Q6ZPF3}. Perikaryon {ECO:0000250|UniProtKB:Q6ZPF3}

#### **Tissue Location**

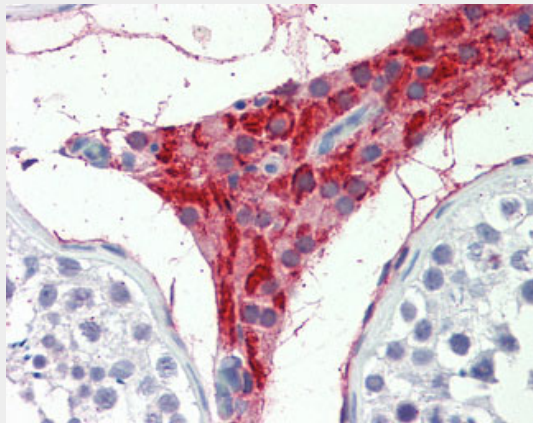
Expressed in the occipital, frontal and temporal lobes, cerebellum, putamen and testis.

#### **TIAM2 Antibody (N-Terminus) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **TIAM2 Antibody (N-Terminus) - Images**



Human, Testis: Formalin-Fixed Paraffin-Embedded (FFPE)

#### **TIAM2 Antibody (N-Terminus) - Background**

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#### **TIAM2 Antibody (N-Terminus) - References**

Chiu C.-Y.,et al.Genomics 61:66-73(1999).  
Nagase T.,et al.Submitted (NOV-2002) to the EMBL/GenBank/DDBJ databases.

Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Mungall A.J.,et al.Nature 425:805-811(2003).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.