

TIAM2 Rabbit mAb
Catalog # AP76175**Specification**

TIAM2 Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	Q8IVF5
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	190103

TIAM2 Rabbit mAb - Additional Information**Gene ID** 26230**Other Names**

TIAM2

Dilution

WB~~1/500-1/1000

IHC-P~~N/A

IHC-F~~N/A

ICC~~N/A

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

TIAM2 Rabbit mAb - 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 Rabbit mAb - 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 Rabbit mAb - Images

