antibodies - online.com







anti-TIAM2 antibody (AA 1500-1627)

Images



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Overview	
Quantity:	100 μg
Target:	TIAM2
Binding Specificity:	AA 1500-1627
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIAM2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)
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 (TIAM2 Products)
Background:	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. 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, TIAM2 antibody, TIAM2 antibody

UniProt:

Q8IVF5

Pathways:

Neurotrophin Signaling Pathway, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:

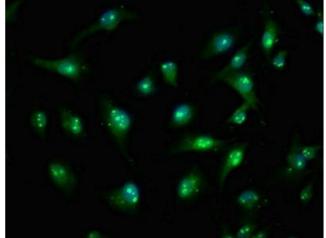
Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

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



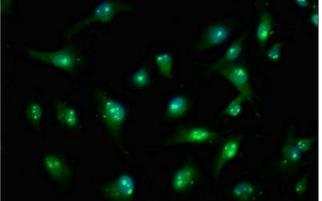
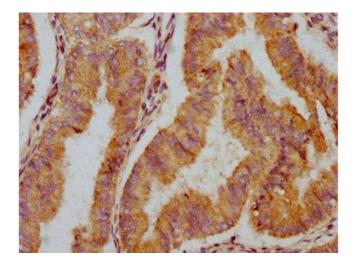




Image 1. Immunofluorescence staining of U251 cells with ABIN7171462 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7171462 diluted at 1:300 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.