



# TIAM1 rabbit pAb

Cat No.:ES11819

For research use only

## Overview

<b>Product Name</b>	TIAM1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TIAM1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1)
<b>Gene Name</b>	TIAM1
<b>Cellular localization</b>	Cell junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. 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. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	175kD
<b>Human Gene ID</b>	7074
<b>Human Swiss-Prot Number</b>	Q13009
<b>Alternative Names</b>	
<b>Background</b>	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





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activity of RHO-like GTPases and activates them. Activates RAC1, CDC42, and to a lesser extent RHOA.,similarity:Belongs to the TIAM family.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 RBD (Ras-binding) domain.,similarity:Contains 2 PH domains.,subunit:Interacts with BAIAP2.,tissue specificity:Found in virtually all analyzed tumor cell lines including B- and T-lymphomas, neuroblastomas, melanomas and carcinomas.,



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