

TIAM1 Polyclonal Antibody

Catalog No :	YN2873
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	TIAM1
Fields :	>>Ras signaling pathway;>>Rap1 signaling pathway;>>cAMP signaling pathway;>>Chemokine signaling pathway;>>Tight junction;>>Regulation of actin cytoskeleton;>>Proteoglycans in cancer
Gene Name :	TIAM1
Protein Name :	T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1)
Human Gene Id :	7074
Human Swiss Prot No :	Q13009
Mouse Swiss Prot No :	Q60610
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	TIAM1 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 175kD

Cell Pathway : Chemokine;Regulates Actin and Cytoskeleton;

Background : 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. 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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Subcellular Location : 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. .

Expression : Found in virtually all analyzed tumor cell lines including B- and T-lymphomas, neuroblastomas, melanomas and carcinomas.

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