TIAM1 Antibody / T-lymphoma invasion and metastasis-inducing protein 1 (R32571)

Catalog No.	Formulation	Size
R32571	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q13009
Applications	Western blot: 0.5-1ug/ml
Limitations	This TIAM1 antibody is available for research use only.



Western blot testing of human MCF7 cell lysate with TIAM1 antibody at 0.5ug/ml. Predicted/observed molecular weight ~178 kDa.

Description

T-cell lymphoma invasion and metastasis-inducing protein 1 is a protein that in humans is encoded by the TIAM1 gene. This gene is mapped to 21q22.11. TIAM1 modulates the activity of Rho GTP-binding proteins and connects extracellular signals to cytoskeletal activities. In addition, TIAM1 activates Rac1, CDC42, and to a lesser extent RhoA.

Application Notes

Differences in protocols and secondary/substrate sensitivity may require the TIAM1 antibody to be titrated for optimal performance.

Immunogen

Amino acids 1518-1554 (ASVDRDLQERLQATSISQRERGRKTLDSHASRMAQLK) from the human protein were used as the immunogen for the TIAM1 antibody.

Storage

After reconstitution, the TIAM1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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