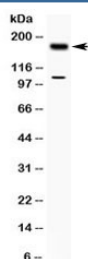


TIAM1 Antibody / T-lymphoma invasion and metastasis-inducing protein 1 (R32571)

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
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 (ASVDRDLQERLQATSISQRERGRKTLDHASRMAQLK) 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.