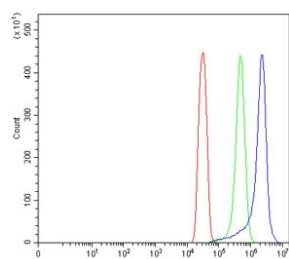


TRAM1 Antibody / TRAM (RQ7441)

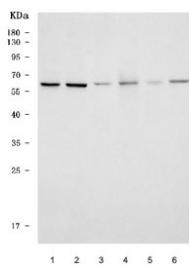
Catalog No.	Formulation	Size
RQ7441	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15629
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This TRAM1 antibody is available for research use only.



Flow cytometry testing of human SiHa cells with TRAM1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRAM1 antibody.



Western blot testing of 1) human HeLa, 2) human Jurkat, 3) human PC-3, 4) rat testis, 5) rat liver and 6) mouse testis tissue lysate with TRAM1 antibody. Predicted molecular weight ~43 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Sequence analysis predicted that human TRAM1 (Translocation-Associating Membrane Protein 1) is a 374-amino acid, 8-pass transmembrane protein that shares 95% amino acid identity with the canine protein. Functional analysis indicated that TRAM1 influences glycosylation and is stimulatory or required for the translocation of secretory proteins.

Application Notes

Optimal dilution of the TRAM1 antibody should be determined by the researcher.

Immunogen

Amino acids QLRRWREHSAFQAPAVKKK from the human protein were used as the immunogen for the TRAM1 antibody.

Storage

After reconstitution, the TRAM1 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.