SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Recombinant Rabbit Anti-TRAM2 Monoclonal Antibody

Catalog Number: SLA1251M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
GeneID:	9697
SWISS:	Q15035
Target:	TRAM2
Immunogen:	A synthesized peptide derived from human TRAM2
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	43 kDa
Background:	Necessary for collagen type I synthesis. May couple the activity of the ER Ca2+ pump SERCA2B with the activity of the translocon. This coupling may increase the local Ca2+ concentration at the site of collagen synthesis, and a high Ca2+ concentration may be necessary for the function of molecular chaperones involved in collagen folding. Required for proper insertion of the first transmembrane helix N-terminus of TM4SF20 into the ER lumen, may act as a ceramide sensor for regulated alternative translocation (RAT).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.