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-ERO1A Monoclonal Antibody

Catalog Number: SLA3504M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	9H0
GeneID:	30001
SWISS:	Q96HE7
Target:	ERO1A
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Background:	Ero1-La is an essential oxidoreductase that oxidizes proteins and is required for the folding of immunoglobulins. Ero-1La covalently binds with PDI (protein disulfide-isomerase) and together they produce disulfide bonds between proteins in the endoplasmic reticulum. Ero1-La and SIRT1 regulate adiponectin secretion from adipose tissue. Ero1-La and associated proteins also modulate PPARg (peroxisome proliferator-activated receptor g) and SIRT1 activities. Ero1-La is stimulated by hypoxia, suggesting that it is regulated through the HIF (hypoxia inducible transcrip-tion factor) pathway. Ero1-La is ubiquitously expressed at low levels but expressed at high levels in upper digestive tract and esophagus. Ero1-La may function both as a monomer and a homodimer.

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