bs-10551R **[Primary Antibody]**

ERO1L Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 30001 **SWISS:** Q96HE7

Target: ERO1L

Immunogen: KLH conjugated synthetic peptide derived from human ERO1L: 321-420/468.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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.

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.

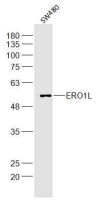
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit)

Predicted MW.: 52 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: SW480(Human) Cell Lysate at 40 ug Primary: Anti-ERO1L (bs-10551R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 kD