

ERO1LB Polyclonal Antibody

Catalog: BS65778	Host: Rabbit	Reactivity: Hu- man, Mouse, Rat, Rabbit, Guinea Pig,
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BackGround:

Essential oxidoreductase that oxidizes proteins in the endoplasmic reticulum to produce disulfide bonds. Acts by oxidizing directly P4HB/PDI isomerase through a direct disulfide exchange. Does not act as a direct oxidant of folding substrate, but relies on P4HB/PDI to transfer oxidizing equivalent. Associates with ERP44 but not with GRP54, demonstrating that it does not oxidize all PDI related proteins and can discriminate between PDI and related proteins. Its reoxidation probably involves electron transfer to molecular oxygen via FAD. Acts independently of glutathione. May be responsible for a significant proportion of reactive oxygen species (ROS) in the being a source of oxidative stress. Required for the folding of cell, thereby being a source of oxidative stress.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

50 kD

Swiss-Prot:

Q86YB8

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

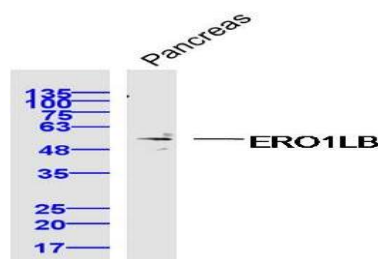
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

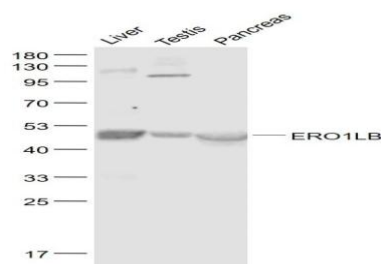
Specificity:

ERO1LB Polyclonal Antibody detects endogenous levels of ERO1LB protein.

DATA:



Primary: Anti-ERO1LB at 1/300 dilution



Primary: Anti- ERO1LB at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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