



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ERFE polyclonal antibody

Catalog: BS32830

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Erythroferrone: Iron-regulatory hormone that acts as an erythroid regulator after hemorrhage: produced by erythroblasts following blood loss and mediates suppression of hepcidin (HAMP) expression in the liver, thereby promoting increased iron absorption and mobilization from stores. Promotes lipid uptake into adipocytes and hepatocytes via transcriptional up-regulation of genes involved in fatty acid uptake (By similarity). Inhibits apoptosis and inflammatory response in cardiomyocytes via promotion of sphingosine-1-phosphate (S1P) and cAMP-dependent activation of AKT signaling (By similarity). Inhibits autophagy induced by nutrient deficiency in hepatocytes via promoting the phosphorylation of IRS1, AKT, and MTOR, and thereby subsequent activation of the AKT-MTOR signaling pathway (By similarity). Negatively regulates the differentiation of osteoblasts, potentially via sequestering BMP2, and thereb...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~37.3 kDa

Swiss-Prot:

Q4G0M1

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

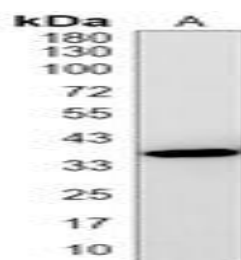
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of ERFE protein.

DATA:



Western blot analysis of MOSPD3 expression in 293 (A) whole cell lysates.

Note:

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

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