



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MSMO1 polyclonal antibody

Catalog: BS35936

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Methylsterol monooxygenase 1: Catalyzes the three-step monooxygenation required for the demethylation of 4,4-dimethyl and 4alpha-methylsterols, which can be subsequently metabolized to cholesterol. Also involved in drug metabolism, as it can metabolize eldecalcitol (ED-71 or 1alpha,25-dihydroxy-2beta-(3-hydroxypropoxy)-cholecalciferol), a second-generation vitamin D analog, into 1alpha,2beta,25-trihydroxy vitamin D3; this reaction occurs via enzymatic hydroxylation and spontaneous O-dehydroxypropylation

Product:

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

Molecular Weight:

~35.2 kDa

Swiss-Prot:

Q15800

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

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 MSMO1 protein

DATA:

Western blot analysis of Cav1.4 expression in A673 (A), Y79 (B) whole cell lysates.

Note:

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

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