



PRODUCT DATA SHEET

Bioworld Technology, Inc.

AQP7 polyclonal antibody

Catalog: BS35741

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Aquaporin-7: Aquaglyceroporins form homotetrameric transmembrane channels, with each monomer independently mediating glycerol and water transport across the plasma membrane along their osmotic gradient. Could also be permeable to urea. Mediates the efflux of glycerol, formed upon triglyceride hydrolysis, to avoid its accumulation in adipocytes and to make it available to other tissues. In the kidney, mediates the reabsorption of glycerol, preventing its loss in urine, again participating to energy homeostasis. In pancreatic beta cells, it also mediates the efflux of glycerol, regulating its intracellular levels (By similarity)

Product:

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

Molecular Weight:

~37.2 kDa

Swiss-Prot:

O14520

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 AQP7 protein

DATA:

Note:

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

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