

## PRODUCT DATA SHEET



Bioworld Technology, Inc.

### AQP1 (N134) Antibody

Cat No.: BS3709

Host: Rabbit

Reactivity: Human, Mouse, Rat

#### BACKGROUND

Aquaporin 1 is a 28kD integral membrane protein which was originally identified in red blood cells and renal proximal tubules. AQP1 is also expressed by the choroid plexus and various other tissues. It forms a water-specific channel that provides the plasma membranes of red cells and kidney proximal tubules with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient.

#### PRODUCT

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

#### PURIFICATION & PURITY

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

#### APPLICATIONS

WB: 1:500 ~ 1:1000 (Recommended Dilutions)

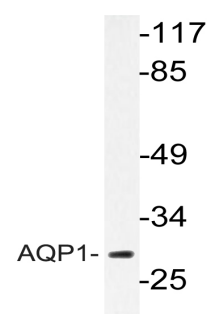
#### STORAGE & STABILITY

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

#### SPECIFICITY

AQP1 (N134) antibody detects endogenous levels of AQP1 protein.

#### DATA



Western blot (WB) analysis of AQP1 (N134) antibody in extracts from rat brain cells.

#### RESEARCH USE

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

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