

AQP3 (V214) polyclonal antibody

Catalog: BCP00224

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

AQP3 is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 3 is localized at the basal lateral membranes of collecting duct cells in the kidney. In addition to its water channel function, aquaporin 3 has been found to facilitate the transport of nonionic small solutes such as urea and glycerol, but to a smaller degree. It has been suggested that water channels can be functionally heterogeneous and possess water and solute permeation mechanisms

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 32 kDa

Swiss-Prot:

Q92482

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

IHC: 1:50~1:200

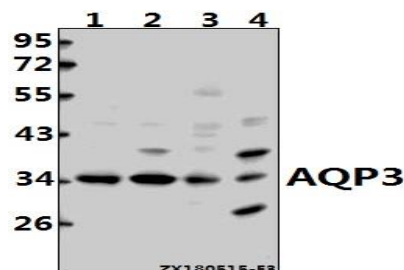
Storage&Stability:

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

Specificity:

AQP3 (V214) polyclonal antibody detects endogenous levels of AQP3 protein.

DATA:



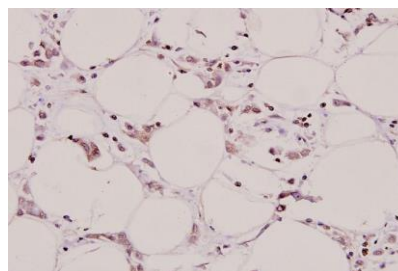
Western blot (WB) analysis of AQP3 (V214) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:A375 whole cell lysate(40ug)

Lane3:The Kidney tissue lysate of Mouse(40ug)

Lane4:The Kidney tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of AQP3 (V214) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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