

MA9111
Aquaporin 4 Antibody



- 50ul
- 100 uL

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Description : Mouse monoclonal antibody to Aquaporin 4

Alternative Names:

Aquaporin-4; AQP-4; Mercurial-insensitive water channel; MIWC; WCH4

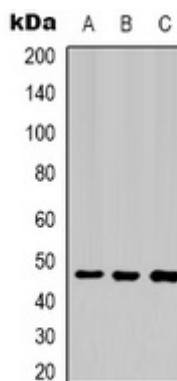
Source : Mouse

Uniprot : P55087

Reactivity : H, M, R

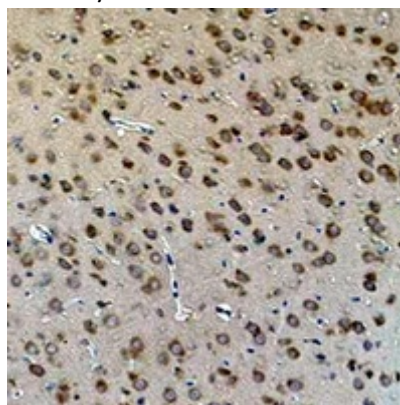
Application:

WB



Western blot analysis of Aquaporin 4 expression in Hela (A), mouse heart (B), rat heart (C) whole cell lysates.

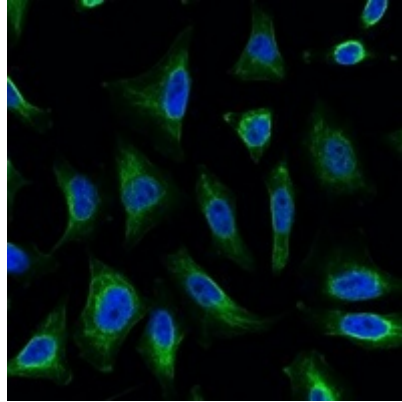
IHC



Immunohistochemical analysis of Aquaporin 4 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using

heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC



Immunofluorescent analysis of Aquaporin 4 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Specificity : Recognizes endogenous levels of Aquaporin 4 protein.

Clonality : Monoclonal

Dilution : WB (1/1000 - 1/3000), IHC (1/50 - 1/200), IF/IC (1/100 - 1/200)

Gene Symbol : AQP4

Storage Condition : Store at -20°C long term.