

Aquaporin 4

Cat.No. 429 004; Polyclonal Guinea pig antibody, 100 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µl antiserum, lyophilized. For reconstitution add 100 µl H ₂ O, then aliquot and store at -20°C until use.
Applications	WB: 1 : 5000 up to 1 : 10000 AP staining IP: not tested yet ICC: 1 : 1000 IHC: 1 : 500 up to 1 : 1000 IHC-P/FFPE: 1 : 1000
Immunogen	Recombinant protein corresponding to AA 249 to 323 from mouse Aquaporin-4 isoform 2 (UniProt Id: P55088-1)
Reactivity	Reacts with: rat (P47863), mouse (P55088-1). Other species not tested yet.
Specificity	Specific for Aquaporin- 4, detects all described isoforms.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Aquaporin 4, or AQP4, also known as Mercurial-insensitive water channel (MIWC), is a member of the aquaporin water channel family. This osmoreceptor regulates body water balance and mediates water flow within the central nervous system.