



A90582Mu01
Polyclonal Antibody to Aquaporin 4 (AQP4)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

[PRODUCT INFORMATION]

Immunogen: AQP4

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Mouse

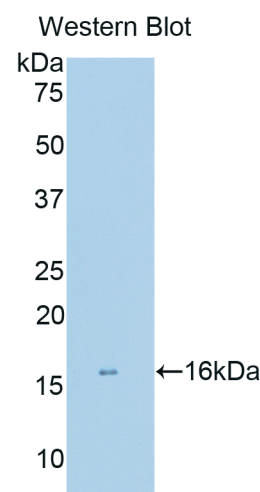
Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100µg



Sample: Recombinant mouse AQP4

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant mouse AQP4 (Ser177~Ile304) expressed in *E.coli*.

Molecular Weight: 15.6 kDa

USCN accession No.: P90582Mu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-SCDS KRTDVTGSIA LAIGFSAIG HLFAINYTGA SMNPARSFGP AVIMGNWANH WIYWVGPIMG
AVLAGALY EY VFCPDVELKR RLKEAFSKAA QQTKGSYMEV EDNRSQVETE DLILKPGVVH VID I



[ANTIBODY SPECIFICITY]

Anti AQP4 is a rabbit polyclonal antibody raised against mouse AQP4. This antibody has been selected for its ability to recognize mouse AQP4 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

