

Mouse Aquaporin 4 Monoclonal Antibody | anti-AQP4 antibody

Aquaporin 4 Monoclonal Antibody (4H1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28866	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

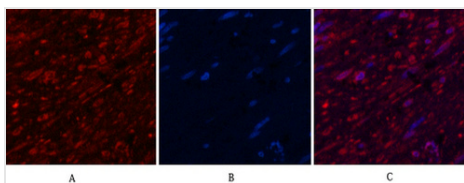
PRODUCT SYNONYMS

Aquaporin 4; Monoclonal Antibody; Aquaporin 4 Monoclonal Antibody (4H1); AQP4; Aquaporin-4; AQP-4; Mercurial-insensitive water channel; MIWC; WCH4; anti-AQP4 antibody

PRODUCT SPECIFICATIONS

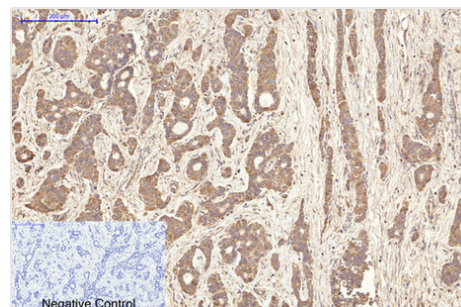
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	4H1
Applicable Applications for anti-AQP4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



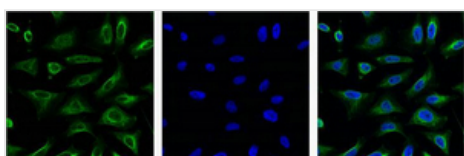
IF (Immunofluorescence)

Dilution: WB: 1:1000 IF: 1:100-200 IHC 1:50-300



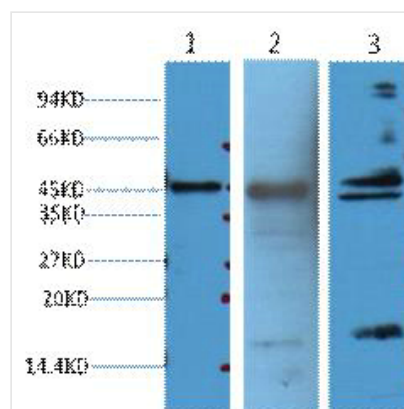
IHC (Immunohistochemistry)

Dilution: WB: 1:1000 IF: 1:100-200 IHC 1:50-300



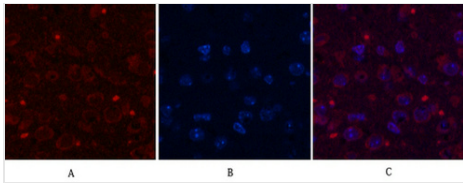
IF (Immunofluorescence)

Dilution: WB: 1:1000 IF: 1:100-200 IHC 1:50-300



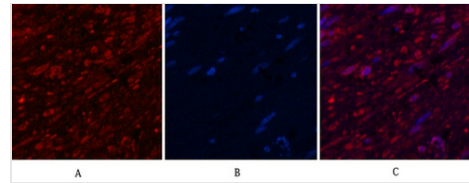
WB (Western Blot)

Dilution: WB: 1:1000 IF: 1:100-200 IHC 1:50-300



IF (Immunofluorescence)

Dilution: WB: 1:1000 IF: 1:100-200 IHC 1:50-300



Application Data

Dilution: WB: 1:1000 IF: 1:100-200 IHC 1:50-300

ADDITIONAL INFORMATION

Related Product Information for anti-AQP4 antibody

Forms a water-specific channel. Osmoreceptor which regulates body water balance and mediates water flow within the central nervous system.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2506859
NCBI GeneID	361
UniProt Accession #	P55087; P78564
Molecular Weight	323
NCBI Official Full Name	Aquaporin-4
NCBI Official Synonym Full Names	aquaporin 4
NCBI Official Symbol	AQP4
NCBI Official Synonym Symbols	MIWC; HMIWC2
NCBI Protein Information	aquaporin-4; WCH4; aquaporin type4; aquaporin 4 isoform delta4; mercurial-insensitive water channel
UniProt Protein Name	Aquaporin-4
UniProt Gene Name	AQP4
UniProt Synonym Gene Names	AQP-4; MIWC
UniProt Entry Name	AQP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/aquaporin-4-antibody-clone-4h1-western-blot-immunohistochemistry-immunofluorescence-elisa/28866>