

Rabbit Aquaporin 4 Polyclonal Antibody | anti-AQP4 antibody

Rabbit anti-Aquaporin 4 Antibody

CATALOG # AAA222447	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Western Blot
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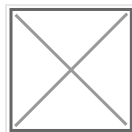
PRODUCT SYNONYMS

Aquaporin 4; Polyclonal Antibody; Rabbit anti-Aquaporin 4 Antibody; Aquaporin-4; AQP-4; Mercurial-insensitive water channel; MIWC; WCH4; anti-AQP4 antibody

PRODUCT SPECIFICATIONS

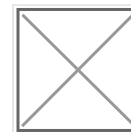
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-AQP4 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Aquaporin 4. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Aquaporin 4 staining in human lung cancer 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.



WB (Western Blot)

Western blot analysis of Aquaporin 4 expression in HeLa (A), Jurkat (B), PC12 (C), SP2/0 (D), HepG2 (E), U87MG (F), mouse brain (G) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AQP4 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2506859
NCBI GeneID	361
UniProt Accession #	P55087; P55088; P47863

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/polyclonal/aquaporin-4-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/222447>