

Rabbit anti-Mouse, Rat AQP4 Polyclonal Antibody | anti-AQP4 antibody

AQP4 Polyclonal Antibody

CATALOG # AAA174569	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

AQP4; Polyclonal Antibody; AQP4 Polyclonal Antibody; AQP 4; AQP-4; Aquaporin type 4; Aquaporin-4; Aquaporin4; HMIWC 2; HMIWC2; Mercurial insensitive water channel; Mercurial-insensitive water channel; MGC22454; MIWC; WCH 4; WCH4; anti-AQP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	0.6 mg/mL (varies by lot)
Sequence Length	301
Applicable Applications for anti-AQP4 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein corresponding to Mouse Aquaporin 4.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat kidney using AQP4 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain using AQP4 Polyclonal Antibody at dilution of 1:400.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP4 antibody	This gene encodes a member of the aquaporin family of intrinsic membrane proteins that function as water-selective channels in the plasma membranes of many cells. The encoded protein is the predominant aquaporin found in brain. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Product Categories/Family for anti-AQP4 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	821324787
NCBI GeneID	11829
NCBI Accession #	NP_001295570.1
NCBI GenBank Nucleotide #	NM_001308641.1
UniProt Accession #	P55088; P97818; Q4FJP1; Q61131; Q61132; Q8VHE4; Q8VHE5; Q9EQI3
Molecular Weight	32,088 Da
NCBI Official Full Name	aquaporin-4 isoform M23
NCBI Official Synonym Full Names	aquaporin 4
NCBI Official Symbol	Aqp4
NCBI Official Synonym Symbols	WCH4
NCBI Protein Information	aquaporin-4
UniProt Protein Name	Aquaporin-4
UniProt Gene Name	Aqp4
UniProt Synonym Gene Names	AQP-4; MIWC

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/aqp4-antibody-immunohistochemistry-elisa/174569>