

Rabbit AQP4 Polyclonal Antibody | anti-AQP4 antibody

AQP4 Polyclonal Antibody

CATALOG # AAA174300	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	--	---

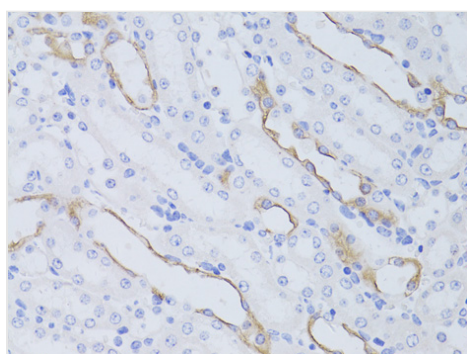
PRODUCT SYNONYMS

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

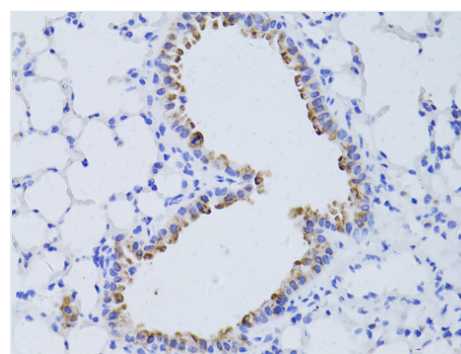
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	301
Applicable Applications for anti-AQP4 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human AQP4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



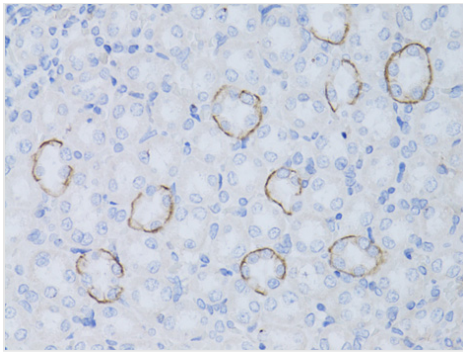
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using AQP4 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using AQP4 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat kidney using AQP4 antibody.

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. This protein is the predominant aquaporin found in brain and has an important role in brain water homeostasis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. A recent study provided evidence for translational readthrough in this gene and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon.
Product Categories/Family for anti-AQP4 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502181
NCBI GeneID	361
NCBI Accession #	NP_001641.1
NCBI GenBank Nucleotide #	NM_001650.7
UniProt Accession #	P55087; P78564
Molecular Weight	32kDa; 34kDa
NCBI Official Full Name	aquaporin-4 isoform M1
NCBI Official Synonym Full Names	aquaporin 4
NCBI Official Symbol	AQP4
NCBI Official Synonym Symbols	MIWC; 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.