

Rabbit AQP4 Polyclonal Antibody | anti-AQP4 antibody

AQP4 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201169	Rabbit	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot

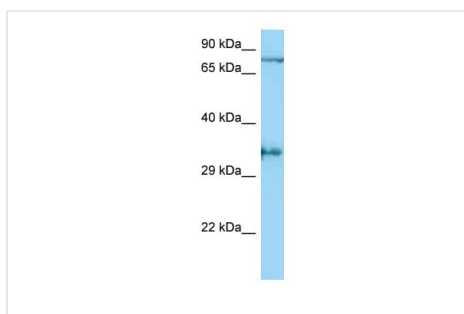
PRODUCT SYNONYMS

AQP4; Polyclonal Antibody; AQP4 antibody - C-terminal region; anti-AQP4 antibody

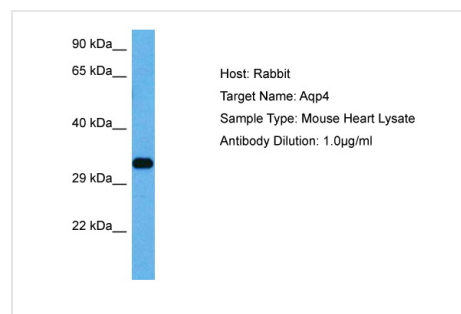
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QQ TKGSYMEVED NRSQVETDDL ILKPGVVHVI DVDRGEEKKG KDQSGEVL
Sequence Length	301
Applicable Applications for anti-AQP4 antibody	WB (Western Blot)
Homology	Cow: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Sheep: 93%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-AQP4 Antibody Titration: 1.0 ug/ml
 Positive Control: MDA-MB-435S Whole Cell
 AQP4 is strongly supported by BioGPS gene expression data to be expressed in Human MDA-MB435 cells


WB (Western Blot)

Host: Mouse
 Target Name: AQP4
 Sample Tissue: Mouse Heart
 Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-AQP4 antibody	This is a rabbit polyclonal antibody against AQP4. It was validated on Western Blot Target Description: 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	Polyclonal ; Cancer ; Lymphocyte Signaling ; Membrane Protein ; Immunology ; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502181
NCBI GeneID	361
NCBI Accession #	NP_001641
NCBI GenBank Nucleotide #	NM_001650
UniProt Accession #	P55087
Molecular Weight	32kDa
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
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.