Rabbit anti-Human, Mouse Aquaporin-4 Polyclonal Antibody | anti-AQP4 antibody

Rabbit anti-human Aquaporin-4 polyclonal Antibody(AQP4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA18831	**Rabbit**	**Human, Mouse**	**ELISA, Western Blot**

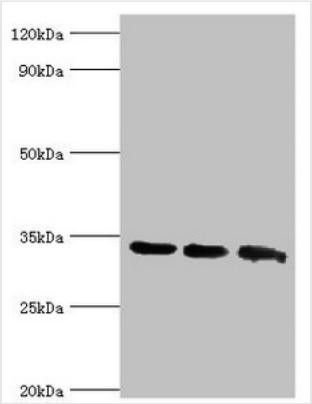
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	323
Applicable Applications for anti-AQP4 antibody	ELISA, WB (Western Blot)
Application Notes	Recommended dilution: WB:1:500-2000
Conjugate	Non-conjugated
Species	Human
Research Area	Signal Transduction
Target Names	AQP4
Immunogen	Recombinant human Aquaporin-4 protein (244-323aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9887 / sc-9888 / sc-20812
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



WB (Western Blot)
Western blotAll lanes: Aquaporin-4 antibody at 2ug/mlLane 1:mouse brain tissueLane 2:mouse heart tissueLane 3:mouse kidney tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 35,33 kDaObserved band size: 35 kDa

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 #	4502181
NCBI GeneID	361
NCBI Accession #	NP_001641.1
NCBI GenBank Nucleotide #	NM_001650.5
UniProt Accession #	P55087; P78564
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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/aquaporin-4-antibody-western-blot-elisa/18831