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Product datasheet for TA361865

Aquaporin 4 (AQP4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of Human AQP4
Specificity:	**Expected reactivity**: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35 kDa
Gene Name:	aquaporin 4
Database Link:	NP_001641.1 Entrez Gene 361 Human P55087

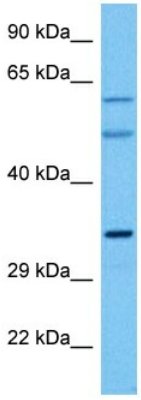
View online »

Background: 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.

Synonyms: AQP-4; aquaporin-4; HMIWC2; MGC22454; MIWC; WCH4

Protein Families: Druggable Genome, Transmembrane

Product images:



Host: Rabbit
Target Name: AQP4
Sample Type: A172 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: AQP4
Sample Tissue: Human A172 Whole Cell lysates
Antibody Dilution: 1ug/ml