

Product datasheet for **TA358377**

Aquaporin 4 (AQP4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep Homology: Cow: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Sheep: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
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:	32kDa
Gene Name:	aquaporin 4
Database Link:	NP_001641 Entrez Gene 11829 Mouse Entrez Gene 361 Human P55087-2
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. The encoded protein is the predominant aquaporin found in brain. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Synonyms:	AQP-4; aquaporin-4; HMIWC2; MGC22454; MIWC; WCH4
Protein Families:	Druggable Genome, Transmembrane

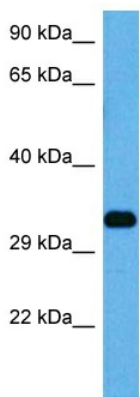


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Product images:



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



Host: Rabbit
 Target Name: Aqp4
 Sample Type: Mouse Heart Lysate
 Antibody Dilution: 1.0µg/ml

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