

Product datasheet for **TA331176**

Aquaporin 7 (AQP7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AQP7 antibody: synthetic peptide directed towards the C terminal of human AQP7. Synthetic peptide located within the following region: DSVAYEDHGITVLPKMGSHPTISLTPVSVSPANRSSVHPAPPLHESMA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	aquaporin 7
Database Link:	NP_001161 Entrez Gene 364 Human O14520
Background:	Aquaporins/major intrinsic protein (MIP) are a family of water-selective membrane channels. Aquaporin 7 has greater sequence similarity with AQP3 and AQP9 and they may be a subfamily. Aquaporin 7 and AQP3 are at the same chromosomal location suggesting that 9p13 may be a site of an aquaporin cluster. Aquaporin 7 facilitates water, glycerol and urea transport. It may play an important role in sperm function.
Synonyms:	AQP7L; AQP9; AQPap; GLYCQTL
Note:	Human: 100%

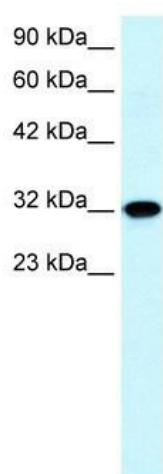


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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: PPAR signaling pathway

Product images:



WB Suggested Anti-AQP7 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human heart