ANTIBODIES ONLINE

Datasheet for ABIN630892
anti-Aquaporin 7 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	Aquaporin 7 (AQP7)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Aquaporin 7 antibody was raised using the C terminal of AQP7 corresponding to a region with amino acids DSVAYEDHGITVLPKMGSHEPTISPLTPVSVSPANRSSVHPAPPLHESMA
Specificity:	Aquaporin 7 antibody was raised against the C terminal of AQP7
Purification:	Affinity purified

Target Details

Target:	Aquaporin 7 (AQP7)
Alternative Name:	Aquaporin 7 (AQP7 Products)
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

Target Details

	site of an aquaporin cluster. Aquaporin 7 facilitates water, glycerol and urea transport. It may play an important role in sperm function.
Molecular Weight:	37 kDa (MW of target protein)

Application Details

Application Notes:	WB: 0.4 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Aquaporin 7 Blocking Peptide, catalog no. 33R-2182, is also available for use as a blocking control in assays to test for specificity of this Aquaporin 7 antibody
Restrictions:	For Research Use only

Handling

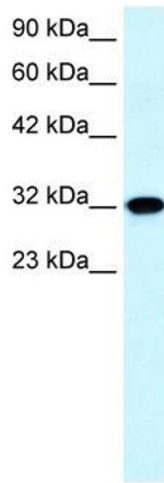|	
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of AQP7 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images

Western Blotting

Image 1. Aquaporin 7 antibody used at 0.4 ug/ml to detect target protein.