



[Go to Product page](#)

Datasheet for ABIN7042945

anti-AQP9 antibody (Intracellular, N-Term)

5 Images

Overview

Quantity:	50 µL
Target:	AQP9
Binding Specificity:	AA 4-19, Intracellular, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AQP9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)EKDGAKKSLMQRLALK, corresponding to amino acid residues 4-19 of rat AQP9
Isotype:	IgG
Cross-Reactivity (Details):	Unlikely to recognize human samples.
Characteristics:	Anti-Aquaporin 9 Antibody (ABIN7042945 and ABIN7045206)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize AQP9 from mouse and rat samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

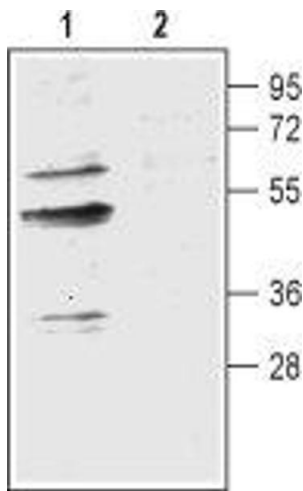
Target:	AQP9
Alternative Name:	Aquaporin 9 (AQP9 Products)
Background:	Alternative names: Aquaporin 9, AQP9, Aquaglyceroporin-9
Gene ID:	65054
NCBI Accession:	NM_020980
UniProt:	P56627

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

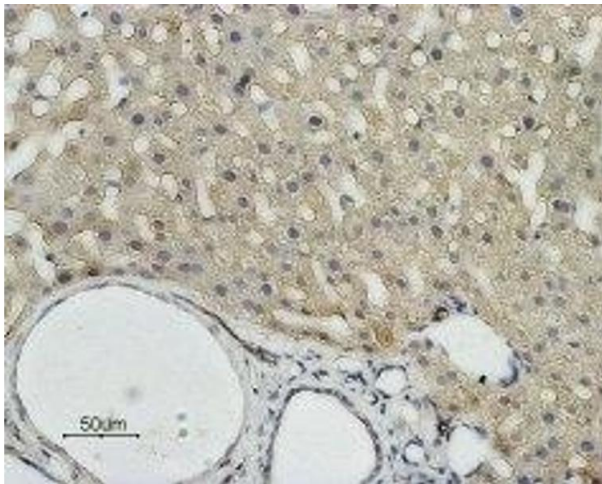
Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



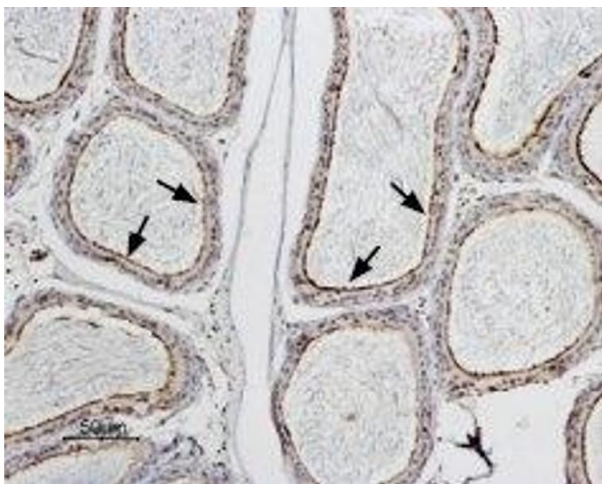
Western Blotting

Image 1. Western blot analysis of mouse brain membranes:
 - 1. Anti-Aquaporin 9 Antibody (ABIN7042945 and ABIN7045206), (1:200). 2. Anti-Aquaporin 9 Antibody, preincubated with Aquaporin 9 Blocking Peptide (#BLP-QP009).



Immunohistochemistry

Image 2. Expression of AQP9 in rat liver - Immunohistochemical staining of rat liver paraffin embedded sections using Anti-Aquaporin 9 Antibody (ABIN7042945 and ABIN7045206) (1:100). AQP9 (brown) is expressed in hepatocytes of the liver parenchyma. Hematoxylin is used as the counterstain.



Immunohistochemistry

Image 3. Expression of AQP9 in rat epididymis - Immunohistochemical staining of rat testis paraffin embedded section using Anti-Aquaporin 9 Antibody (ABIN7042945 and ABIN7045206), (1:100). AQP9 (brown) is expressed in the columnar epithelium of the epididymus (arrows). Hematoxylin is used as the counterstain.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7042945.