

Datasheet for ABIN7042934

**anti-AQP11 antibody (2nd Extracellular Loop)****2** Images[Go to Product page](#)

## Overview

Quantity:	25 µL
Target:	AQP11
Binding Specificity:	2nd Extracellular Loop, AA 140-151
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AQP11 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)SLSLTKYHFDER, corresponding to amino acid residues 140-151 of rat AQP11
Isotype:	IgG
Cross-Reactivity (Details):	Not recommended for human samples.
Characteristics:	Anti-Aquaporin 11 (extracellular) Antibody is directed against an extracellular epitope of rat Aquaporin 11. Anti-Aquaporin 11 (extracellular) Antibody (ABIN7042934, ABIN7045207 and ABIN7045208)) can be used in western blot analysis. It has been designed to recognize AQP11 from rat and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

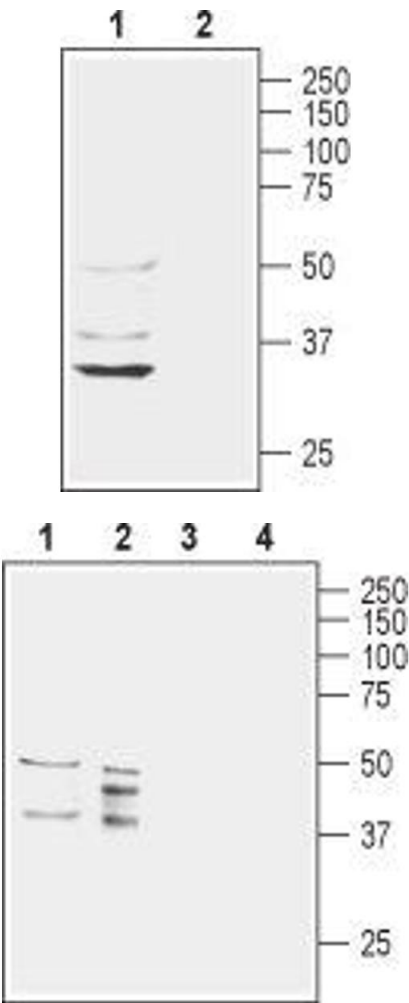
Target:	AQP11
Alternative Name:	Aquaporin 11 ( <a href="#">AQP11 Products</a> )
Background:	Alternative names: Aquaporin 11, AQP11
Gene ID:	286758
NCBI Accession:	<a href="#">NM_173039</a>
UniProt:	<a href="#">Q8CHM1</a>

## Application Details

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

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 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:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>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).</p>



#### Western Blotting

**Image 1.** Western blot analysis of rat liver lysate: - 1. Anti-Aquaporin 11 (extracellular) Antibody (ABIN7042934, ABIN7045207 and ABIN7045208), (1:1000).2. Anti-Aquaporin 11 (extracellular) Antibody, preincubated with Aquaporin 11 (extracellular) Blocking Peptide (#BLP-QP011).

#### Western Blotting

**Image 2.** Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates: - 1,2. Anti-Aquaporin 11 (extracellular) Antibody (ABIN7042934, ABIN7045207 and ABIN7045208), (1:1000).3,4. Anti-Aquaporin 11 (extracellular) Antibody, preincubated with Aquaporin 11 (extracellular) Blocking Peptide (#BLP-QP011).