

## Catalog #: 50169

### Aliases

AQP4; Aquaporin 4; MIWC; Mercurial-Insensitive Water Channel; AQP-4; HAQP4; Aquaporin-4; WCH4; Aquaporin Type4; MLC4

### Background

Gene Name: AQP4

NCBI Gene Entry: [361](#)

UniProt Entry: [P55087](#)

### Application Information

Molecular Weight: Predicted, 34 kDa; observed, 35,45 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human Aquaporin 4

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Immunohistochemistry (IHC): 1:50-1:100

Immunocytochemistry (IC): 1:50-1:200

**Note:** This product is for research use only.

### Validation Data

---

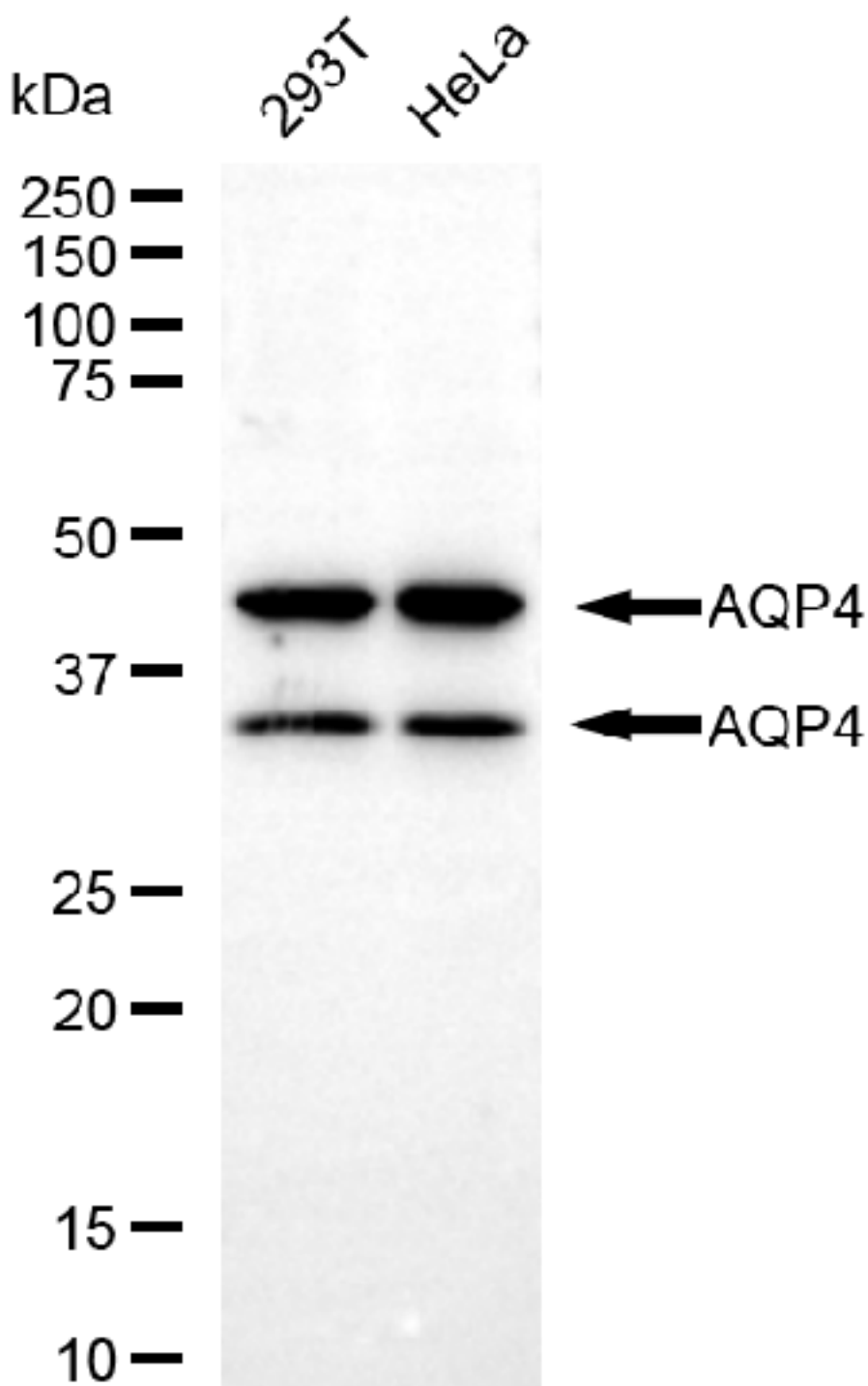
#### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-Aquaporin 4 antibody (Cat#50169). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Aquaporin 4 antibody (Cat#50169, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

**SUPPORT**

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

**ORDERS**

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

---

**SUPPORT**

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

**ORDERS**

SALES@GENUINBIOTECH.COM  
FAX:+1-540-855-7041

**WWW.GENUINBIOTECH.COM**