

# AQP0 Polyclonal Antibody

## Description

Product type	Primary Antibody
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Code	BT-AP00551
Host	Rabbit
Isotype	lgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AQP0. AA range:95-144
Mol wt	28122
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	l mg/ml
Full name	AQP0 Antibody
Synonyms	MIP; AQP0; Lens fiber major intrinsic protein; Aquaporin-0; MIP26; MP26

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

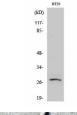
## Background

Major intrinsic protein is a member of the water-transporting aquaporins as well as the original member of the MIP family of channel proteins. The function of the fiber cell membrane protein encoded by this gene is undetermined, yet this protein is speculated to play a role in intracellular communication. The MIP protein is expressed in the ocular lens and is required for correct lens function. This gene has been mapped among aquaporins AQP2, AQP5, and AQP6, in a potential gene cluster at 12q13.

#### **Recommended Dilution**

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 5000 Not yet tested in other applications.

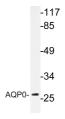
#### Images



Western Blot analysis of various cells using AQP0 Polyclonal Antibody



Immunohistochemistry analysis of AQP0 antibody in paraffin-embedded human brain tissue.



### Storage

-20°C for one year

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