

ARG57986
anti-Aquaporin 10 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Aquaporin 10
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Aquaporin 10
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 209-301 of Human Aquaporin 10 (NP_536354.2).
Conjugation	Un-conjugated
Alternate Names	Aquaglyceroporin-10; AQP-10; AQPA_HUMAN; Aquaporin-10; Small intestine aquaporin

Application Instructions

Application table	Application	Dilution
	WB	1:200 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	
Observed Size	35 kDa	

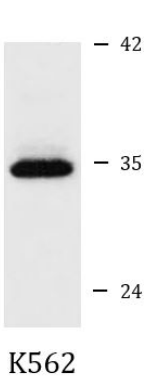
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AQP10
Gene Full Name	aquaporin 10
Background	This gene encodes a member of the aquaglyceroporin family of integral membrane proteins. Members of this family function as water-permeable channels in the epithelia of organs that absorb and excrete water. This protein was shown to function as a water-selective channel, and could also permeate neutral solutes such as glycerol and urea. [provided by RefSeq, Jul 2008]
Function	Water channel required to promote glycerol permeability and water transport across cell membranes. May contribute to water transport in the upper portion of small intestine. Isoform 2 is not permeable to urea and glycerol. [UniProt]
Calculated Mw	32 kDa
Cellular Localization	Membrane, Multi-pass membrane protein. [UniProt]

Images



ARG57986 anti-Aquaporin 10 antibody WB image

Western blot: 25 µg of K562 cell lysate stained with ARG57986 anti-Aquaporin 10 antibody at 1:1000 dilution.