

AQP3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00557
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AQP3. AA range:165-214
Mol wt	31544
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	AQP3 Antibody
Synonyms	AQP3; Aquaporin-3; AQP-3; Aquaglyceroporin-3

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

Background

AQP3 encodes the water channel protein aquaporin 3. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein, also known as aquaporin 0. Aquaporin 3 is localized at the basal lateral membranes of collecting duct cells in the kidney. In addition to its water channel function, aquaporin 3 has been found to facilitate the transport of nonionic small solutes such as urea and glycerol, but to a smaller degree. It has been suggested that water channels can be functionally heterogeneous and possess water and solute permeation mechanisms. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

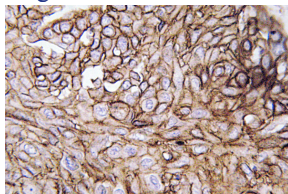
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of AQP3 antibody in paraffin-embedded human lung carcinoma tissue.

Storage

-20°C for one year