



AQP3 rabbit pAb

Cat No.:ES5898

For research use only

Overview

Product Name	AQP3 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human AQP3. AA range:165-214
Specificity	AQP3 Polyclonal Antibody detects endogenous levels of AQP3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Aquaporin-3
Gene Name	AQP3
Cellular localization	Cell membrane ; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	360
Human Swiss-Prot Number	Q92482
Alternative Names	AQP3; Aquaporin-3; AQP-3; Aquaglyceroporin-3
Background	This gene 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. [provided by RefSeq, Dec 2015],

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

