

Anti-Aquaporin 3 Rabbit pAb



WL04825

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Aquaporin 3 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IF	1:50-1:200
Cellular localization	Cell membrane, Basolateral cell membrane	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	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.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Aquaporin 3.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

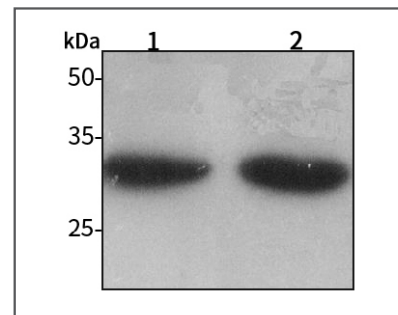
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Product Images



Western blot-Anti-Aquaporin 3 pAb

Lane 1: Human A549 cell lysate

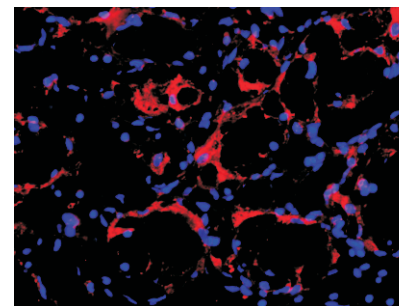
Lane 2: Human HUVEC cell lysate

All lanes: Anti-Aquaporin 3 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 31 kDa

Observed band size: 31 kDa



Immunofluorescence-Anti-Aquaporin 3 pAb

Immunofluorescence analysis of paraffin-embedded human renal clear cell carcinoma using anti-Aquaporin 3 Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0