



# AQP11 rabbit pAb

Cat No.:ES5575

For research use only

## Overview

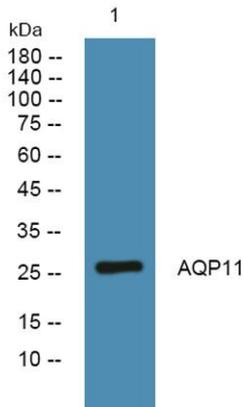
<b>Product Name</b>	AQP11 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from AQP11 . at AA range: 130-210
<b>Specificity</b>	AQP11 Polyclonal Antibody detects endogenous levels of AQP11 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Aquaporin-11
<b>Gene Name</b>	AQP11
<b>Cellular localization</b>	Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein . Cytoplasm . Cytoplasm, perinuclear region . Localizes mainly to the periphery of lipid
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	26kD
<b>Human Gene ID</b>	282679
<b>Human Swiss-Prot Number</b>	Q8NBQ7
<b>Alternative Names</b>	AQP11; AQPX1; PSEC0027; Aquaporin-11; AQP-11
<b>Background</b>	domain:Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif





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Asn-Pro-Ala (NPA),function:Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family. AQP11/AQP12 subfamily.,tissue specificity:Expressed at low levels in roots and leaves.,



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C