

AQP11 Polyclonal Antibody

Catalog No :	YT0288
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	AQP11
Gene Name :	AQP11
Protein Name :	Aquaporin-11
Human Gene Id :	282679
Human Swiss Prot No :	Q8NBQ7
Mouse Gene Id :	66333
Mouse Swiss Prot No :	Q8BHH1
Rat Gene Id :	286758
Rat Swiss Prot No :	Q8CHM1
Immunogen :	Synthesized peptide derived from AQP11 . at AA range: 130-210
Specificity :	AQP11 Polyclonal Antibody detects endogenous levels of AQP11 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 26kD

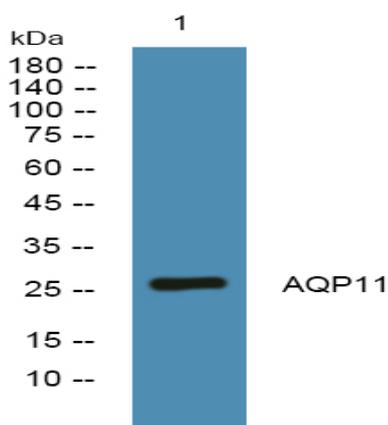
Background : domain:Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA).,function:Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family. AQP11/AQP12 subfamily.,tissue specificity:Expressed at low levels in roots and leaves.,

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Subcellular Location : 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 droplets (PubMed:24845055). it accumulates partly in mitochondrial-associated endoplasmic reticulum membranes (PubMed:31546170). .

Expression : Detected in the sperm head and tail (at protein level) (PubMed:28042826). Expressed in subcutaneous adipocytes (PubMed:24845055). Expressed in testis, kidney and ejaculated spermatozoa (PubMed:19812234).

Products Images



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