

AQP11 Polyclonal Antibody

Catalog No: YT0288

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: AQP11

Gene Name: AQP11

Protein Name: Aquaporin-11

Q8NBQ7

Q8BHH1

Human Gene Id: 282679

Human Swiss Prot

No:

Mouse Gene ld: 66333

Mouse Swiss Prot

No:

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.

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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

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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).

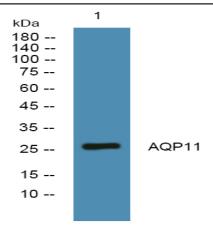
Sort: 2180

No4:

Host: Rabbit

Modifications: Unmodified

Products Images



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