
Product Name: AQP12 Rabbit Polyclonal Antibody**Catalog #: APRab07069**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	34kDa

Antigen Information

Gene Name	AQP12A/AQP12B
Alternative Names	AQP12A; AQP12; AQPX2; Aquaporin-12A; AQP-12; AQP12B; Aquaporin-12B; AQP-12B
Gene ID	375318/653437
SwissProt ID	Q8IXF9/A6NM10
Immunogen	The antiserum was produced against synthesized peptide derived from human AQP12. AA range:231-280

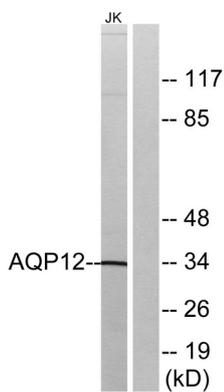
Background

domain:Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming

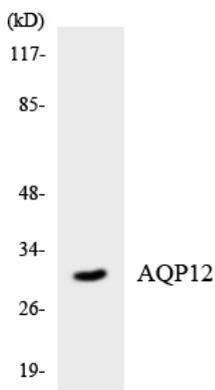
loop with the signature motif Asn-Pro-Ala (NPA),function:Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.,similarity:Belongs to the MIP/aquaporin (TC 1.A.8) family. AQP11/AQP12 subfamily.,tissue specificity:Restricted to the pancreas.,domain:Aquaporins contain 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:Restricted to the pancreas.,

Research Area

Image Data



Western blot analysis of lysates from Jurkat cells, using AQP12 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using AQP12 antibody.



Western Blot analysis of various cells using AQP12 Polyclonal Antibody diluted at 1 : 1000

