

AQP12 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00555
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AQP12. AA range:231-280
Mol wt	31475
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	l mg/ml
Full name	AQP12 Antibody
Synonyms	AQP12A; AQP12; AQPX2; Aquaporin-12A; AQP-12; AQP12B; Aquaporin-12B; AQP-12B

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

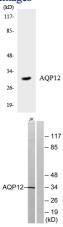
Background

Members of the aquaporin family are multiple pass transmembrane proteins that form homotetramers to facilitate the flow of water across the plasma membrane. At least thirteen aquaporins have been indentified to date (AQP0 through AQP12) and together this family of small, hydrophobic proteins plays a role in an array of biological processes that include urine formation, cell motility, fertilization, cell junction formation and regulation of overall water homeostasis.

Recommended Dilution

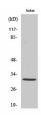
WB: 1: 500 - 1: 2000 ELISA: 1: 40000 Not yet tested in other applications.

Images



Western blot analysis of the lysates from HUVECcells using AQP12 antibody.

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



Storage -20°C for one year

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