

DATASHEET

Aquaporin 12A Rabbit Polyclonal Antibody

CAT. NO. APA08336

KEY FEATURES

Target	Aquaporin 12A	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Putative aquaporin. Could form homotetrameric transmembrane channels, with each monomer independently mediating water transport across the plasma membrane along its osmotic gradient.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

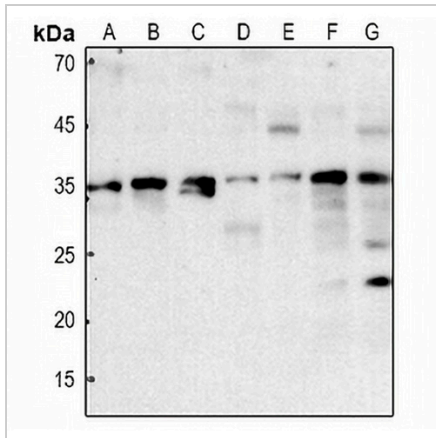
Description	Rabbit polyclonal antibody to Aquaporin 12A
Specificity	Recognizes endogenous levels of Aquaporin 12A protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Aquaporin 12A. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 31 kD; Observed: 35 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	AQP12A; AQP12; AQPX2; Aquaporin-12A; AQP-12; AQP12B; Aquaporin-12B; AQP-12B
Gene Symbol	AQP12A; AQP12B
Entrez Gene	375318; 653437(Human)
SwissProt	Q8IXF9; A6NM10(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Aquaporin 12A expression in HEK293T (A), Hela (B), H446 (C), mouse testis (D), mouse kidney (E), rat testis (F), rat kidney (G) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 35 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.