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Anti-Aquaporin 12A Antibody

Catalog # AP53755

Product Information

Application	WB
Primary Accession	Q8IXF9
Other Accession	A6NM10
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31475

Additional Information

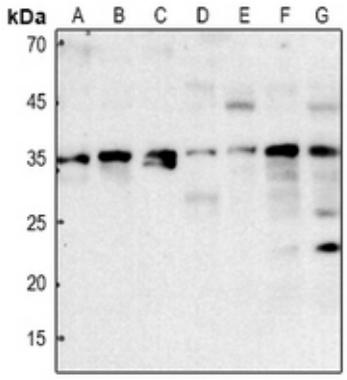
Gene ID	375318
Other Names	AQP12A; AQP12; AQPX2; Aquaporin-12A; AQP-12; AQP12B; Aquaporin-12B; AQP-12B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Aquaporin 12A. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	AQP12A (HGNC:19941)
Function	Putative aquaporin. Could form homotetrameric transmembrane channels, with each monomer independently mediating water transport across the plasma membrane along its osmotic gradient.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Restricted to the pancreas. {ECO:0000269|Ref.2}.

Images

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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.