

Datasheet for ABIN6258535
anti-Aquaporin 12A antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Aquaporin 12A (AQP12A)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human AQP12, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	AQP12 Antibody detects endogenous levels of total AQP12.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Aquaporin 12A (AQP12A)
Alternative Name:	AQP12A,AQP12B (AQP12A Products)
Background:	Description: Aquaporins facilitate the transport of water and small neutral solutes across cell membranes.

Target Details

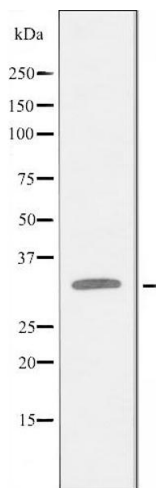
	Gene: AQP12A
Molecular Weight:	34 kDa
Gene ID:	375318, 653437
UniProt:	Q8IXF9 , A6NM10

Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

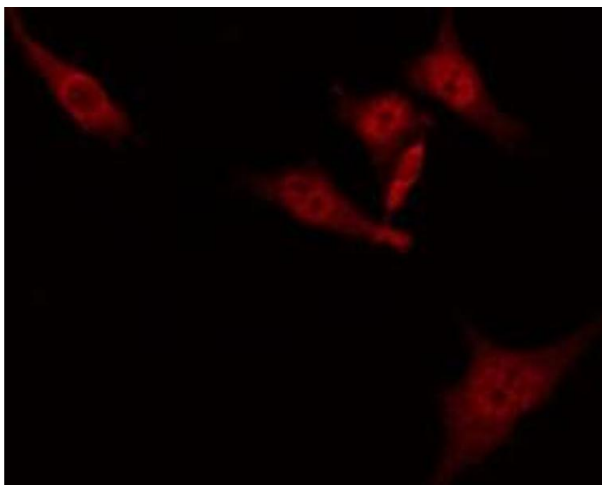
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using AQP12 antibody.



Immunofluorescence (fixed cells)

Image 2. ABIN6274860 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.