

Datasheet for ABIN7294956
anti-Aquaporin 5 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Aquaporin 5 (AQP5)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aquaporin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Aquaporin 5.
Specificity:	Recognizes endogenous levels of Aquaporin 5 protein.
Characteristics:	Rabbit polyclonal antibody to Aquaporin 5
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Aquaporin 5 (AQP5)
Alternative Name:	Aquaporin 5 (AQP5 Products)
Background:	Aquaporin-5, AQP-5

Target Details

Gene ID:	362, 11830, 25241
UniProt:	P55064 , Q9WTY4 , P47864

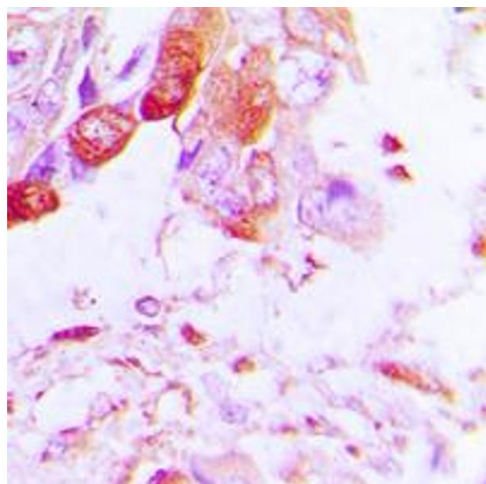
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

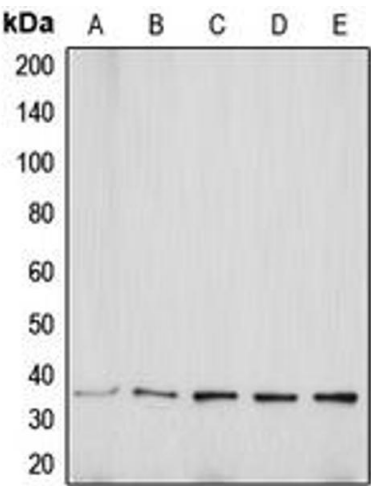
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of Aquaporin 5 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of Aquaporin 5 expression in MCF7 (A), Jurkat (B), SP2/0 (C), PC12 (D), KNRK (E) whole cell lysates.