

Datasheet for ABIN7144511
anti-AQP3 antibody (AA 210-244)

4 Images

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Overview

Quantity:	100 µg
Target:	AQP3
Binding Specificity:	AA 210-244
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AQP3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Aquaporin-3 protein (210-244AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AQP3
Alternative Name:	AQP3 (AQP3 Products)
Background:	Background: Water channel required to promote glycerol permeability and water transport across cell membranes. Acts as a glycerol transporter in skin and plays an important role in

Target Details

regulating SC (stratum corneum) and epidermal glycerol content. Involved in skin hydration, wound healing, and tumorigenesis. Provides kidney medullary collecting duct with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient. Slightly permeable to urea and may function as a water and urea exit mechanism in antidiuresis in collecting duct cells. It may play an important role in gastrointestinal tract water transport and in glycerol metabolism (By similarity).

Aliases: AQP 3 antibody, AQP-3 antibody, Aqp3 antibody, AQP3_HUMAN antibody, Aquaglyceroporin-3 antibody, Aquaporin 3 (GIL blood group) antibody, Aquaporin 3 (Gill blood group) antibody, Aquaporin-3 antibody, Aquaporin3 antibody, GIL antibody, Gill blood group antibody

UniProt: [Q92482](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

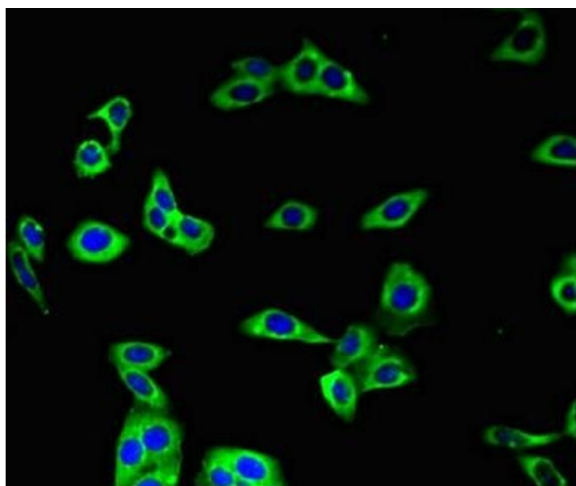
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

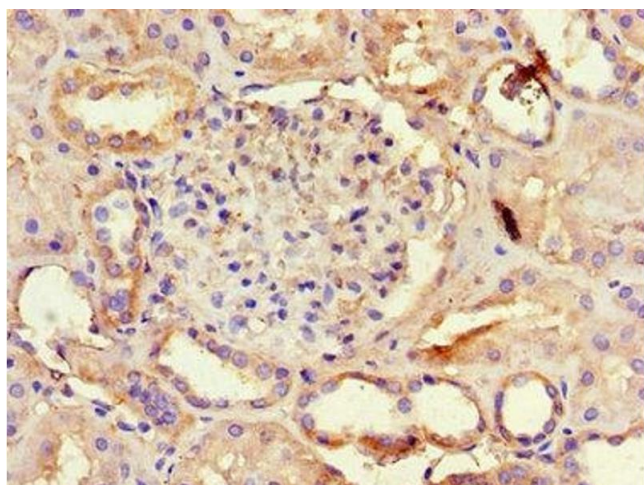
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



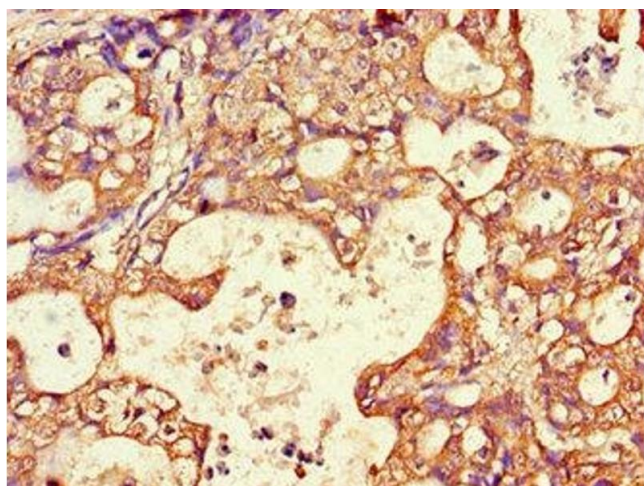
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7144511 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7144511 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7144511 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7144511.