

Aquaporin 7 antibody

Cat. No. GTX05049

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Mouse, Rat

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 29 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium Azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A peptide corresponding to amino acid residues 7-24 of rat AQP7 (Accession P56403).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

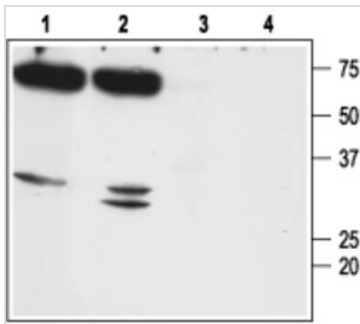
Note

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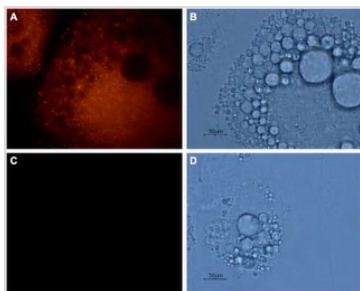
DATA IMAGES

GTX05049 WB Image

WB analysis of various samples using GTX05049 Aquaporin 7 antibody prior incubated with (Lane 3-4) or without (Lane 1-2) blocking peptide.

Lane 1 and 3 : mouse kidney membranes

Lane 2 and 4 : rat kidney membranes

Dilution : 1:500

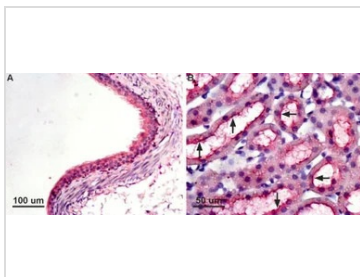

GTX05049 ICC/IF Image

ICC/IF analysis of 3T3-L1 adipocytes using GTX05049 Aquaporin 7 antibody prior incubated with (Lane C-D) or without (Lane A-B) blocking peptide.

Red : Primary antibody

Visible light: B/D images from A/C, respectively.

Dilution : 1:800


GTX05049 IHC-P Image

IHC-P analysis of rat kidney tissue using GTX05049 Aquaporin 7 antibody.

Image A : Minor calyx. It is specific for epithelial cells of the uroepithelium (deep red).

Image B : Cortical labyrinth. It is specific for renal tubules while the stronger staining is evident in the brush border (arrowheads).

Dilution : 1:100



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