

IHC*easy* AQP2 Ready-To-Use IHC Kit

Catalog Number: **KHC0198**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

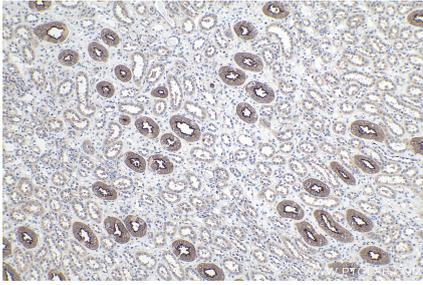
Background

AQP2 (Aquaporin2) is a water channel protein that is widely distributed among mammalian tissues and plays a major role in water homeostasis. AQP2 is mainly found in the apical cell membranes of the kidney's collecting duct cells and is critical for urinary concentration.

Synonyms

ADH water channel, AQP 2, AQP CD, AQP2, Aquaporin 2, aquaporin 2 (collecting duct), Aquaporin CD, WCH CD

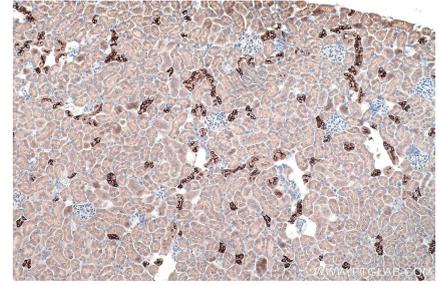
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0198 (AQP2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0198 (AQP2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0198 (AQP2 IHC Kit).