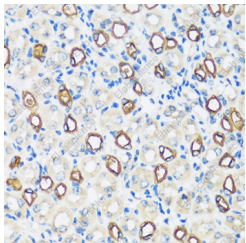
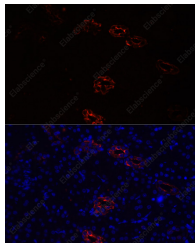
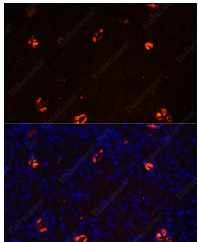
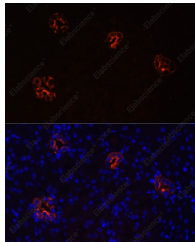
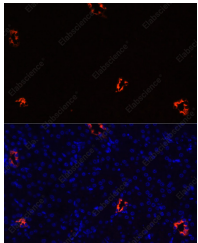
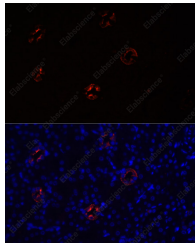


AQP2 Polyclonal Antibody

catalog number: E-AB-66725

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human AQP2 (NP_000477.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
IHC	1:50-1:100
IF	1:50-1:200

Data	
 Immunohistochemistry of paraffin-embedded Mouse kidney using AQP2 Polyclonal Antibody at dilution of 1:100 (40x lens).	 Immunofluorescence analysis of Rat kidney cells using AQP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.
 Immunofluorescence analysis of Mouse kidney cells using AQP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.	 Immunofluorescence analysis of Rat kidney cells using AQP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.
 Immunofluorescence analysis of Mouse kidney cells using AQP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.	 Immunofluorescence analysis of Rat kidney cells using AQP2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

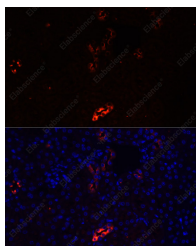
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Fax: 1-832-243-6017

Rev. V1.7



Immunofluorescence analysis of Mouse kidney cells
using AQP2 Polyclonal Antibody at dilution of 1:100. Blue:
DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This gene encodes a water channel protein located in the kidney collecting tubule. It belongs to the MIP/aquaporin family, some members of which are clustered together on chromosome 12q13. Mutations in this gene have been linked to autosomal dominant and recessive forms of nephrogenic diabetes insipidus.