

Rabbit AQP3 Polyclonal Antibody | anti-AQP3 antibody

AQP3 Polyclonal Antibody

CATALOG # AAA174525	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	--	---

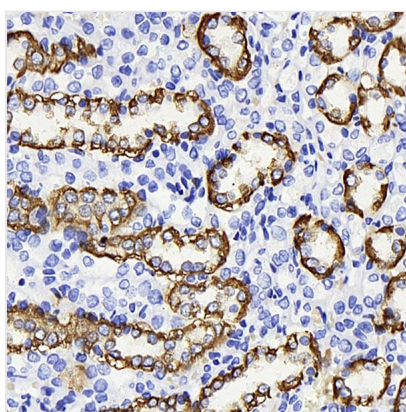
PRODUCT SYNONYMS

AQP3; Polyclonal Antibody; AQP3 Polyclonal Antibody; AQP 3; AQP-3; Aqp3; Aquaglyceroporin-3; Aquaporin 3 (GIL blood group); Aquaporin 3 (Gill blood group); Aquaporin-3; Aquaporin3; GIL; Gill blood group; anti-AQP3 antibody

PRODUCT SPECIFICATIONS

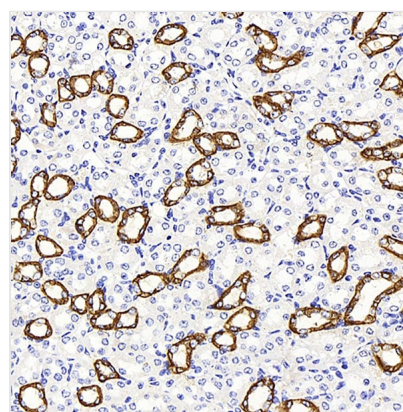
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1.2 mg/mL (varies by lot)
Sequence Length	281
Applicable Applications for anti-AQP3 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to rat Aquaporin 3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



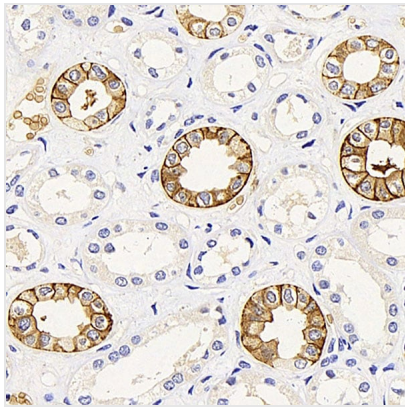
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat kidney using AQP3 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse kidney using AQP3 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human kidney using AQP3 Polyclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-AQP3 antibody	This gene encodes the water channel protein aquaporin 3. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein, also known as aquaporin 0. Aquaporin 3 is localized at the basal lateral membranes of collecting duct cells in the kidney. In addition to its water channel function, aquaporin 3 has been found to facilitate the transport of nonionic small solutes such as urea and glycerol, but to a smaller degree. It has been suggested that water channels can be functionally heterogeneous and possess water and solute permeation mechanisms.
Product Categories/Family for anti-AQP3 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	970259826
NCBI GeneID	360
NCBI Accession #	NP_001305073.1
NCBI GenBank Nucleotide #	NM_001318144.1
UniProt Accession #	Q92482; O00108; Q6FGT2; Q6FGW6; A8K843; B2RE16; D3DRL3
Molecular Weight	29,987 Da
NCBI Official Full Name	aquaporin-3 isoform 2
NCBI Official Synonym Full Names	aquaporin 3 (Gill blood group)
NCBI Official Symbol	AQP3
NCBI Official Synonym Symbols	GIL; AQP-3
NCBI Protein Information	aquaporin-3
UniProt Protein Name	Aquaporin-3
UniProt Gene Name	AQP3
UniProt Synonym Gene Names	AQP-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.