

Rabbit anti-Human AQP3 Polyclonal Antibody | anti-AQP3 antibody

AQP3 Rabbit pAb

CATALOG # AAA283313	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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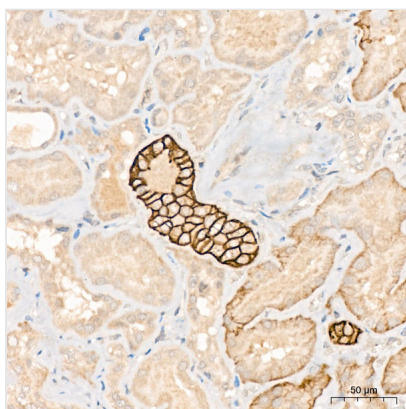
PRODUCT SYNONYMS

AQP3; Polyclonal Antibody; AQP3 Rabbit pAb; GIL; AQP-3; anti-AQP3 antibody

PRODUCT SPECIFICATIONS

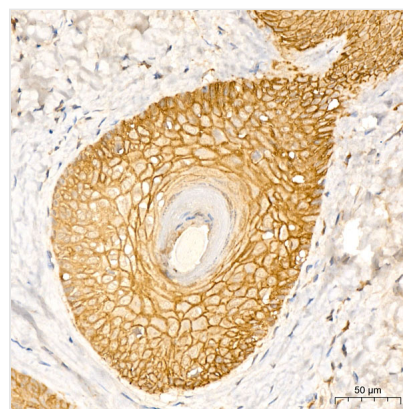
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	FTVGLVVLVI GTSMGFNSGY AVNPARDFGP RLFTALAGWG SAVFTTGQHW WWVPIVSPLL GSIAGVFVYQ LMIGCHLEQP PPSNEEENVK LAHVKHKEQI
Applicable Applications for anti-AQP3 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 193-292 of human AQP3 (NP_004916.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using AQP3 Rabbit pAb (AAA283313) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human skin tissue using AQP3 Rabbit pAb (AAA283313) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

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. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-AQP3 antibody	Cancer; Signal Transduction; Endocrine Metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826645
NCBI GeneID	360
NCBI Accession #	NP_004916.1
NCBI GenBank Nucleotide #	NM_004925.4
UniProt Accession #	Q92482; O00108; Q6FGT2; Q6FGW6; A8K843; B2RE16; D3DRL3
Molecular Weight	Calculated MW: 32kDa
UniProt Protein Name	Aquaporin-3
UniProt Gene Name	AQP3
UniProt Synonym Gene Names	AQP-3
UniProt Entry Name	AQP3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aqp3-antibody-immunohistochemistry-elisa/283313>