

Rabbit AQP3 Polyclonal Antibody | anti-AQP3 antibody

AQP3 Antibody

CATALOG # AAA225756	HOST Rabbit	APPLICATIONS Immunocytochemistry, Immunohistochemistry, Western Blot
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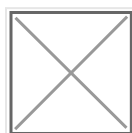
PRODUCT SYNONYMS

AQP3; Polyclonal Antibody; AQP3 Antibody; Affinity Purified Rabbit Polyclonal AQP3 Antibody; Polyclonal AQP3 antibody; Anti-AQP3 antibody; AQP 3; AQP 3 antibody; Aquaporin 3 antibody; AQP-3 antibody; AQP-3; anti-AQP3 antibody

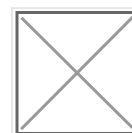
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Chromatography
Form/Format	Lyophilized Form
Sequence Length	292
Applicable Applications for anti-AQP3 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	AQP3 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the C-terminal of human AQP3, different from the related rat and Rabbit sequences by one amino acid, as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Lane 1: Rat Kidney Tissue Lysate; Lane 2: Mouse Lung Tissue Lysate; Lane 3: Mouse Kidney Tissue Lysate


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Rat Kidney Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-AQP3 antibody	AQP3, Aquaporin 3, is the third member of the major intrinsic protein family from rat kidney. AQP3 is localized at the basal lateral membranes of collecting duct cells in the kidney. AQP3 appears to exist as a single copy and to comprise 6 exons distributed over 7 kb. The AQP3 gene is mapped to 9p21-p12 by fluorescence in situ hybridization. AQP3 works as water-channel. And it facilitates the transport of nonionic small solutes such as urea and glycerol, albeit to a smaller degree. The results suggested that water channels can be functionally heterogeneous and possess water and solute permeation mechanisms.
Product Categories/Family for anti-AQP3 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826645
NCBI GeneID	360
NCBI GenBank Nucleotide #	NP_004916.1
UniProt Accession #	Q92482
NCBI Official Full Name	aquaporin-3 isoform 1
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
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-immunocytochemistry-immunohistochemistry-western-blot-elisa/225756>