Aquaporin 6 Antibody (R31204)

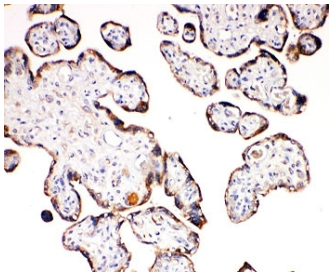
Catalog No.	Formulation	Size
R31204	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

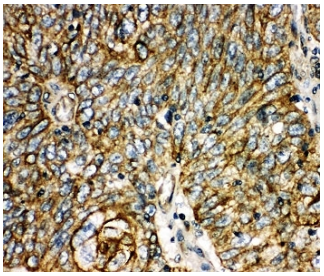
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q13520
Localization	Cytoplasmic, membranous
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This Aquaporin 6 antibody is available for research use only.



Western blot testing of Aquaporin 6 antibody and Lane 1: U87; 2: COLO320; 3: MCF-7 cell lysate



IHC-P: Aquaporin 6 antibody testing of human placenta tissue



IHC-P: Aquaporin 6 antibody testing of human lung cancer tissue

Description

Aquaporin 6 is a protein in humans that is encoded by the AQP6 gene. The aquaporins (AQPs) are a family of water-transporting proteins that facilitate osmotically driven water movement across cell plasma membranes. Unlike other aquaporins, AQP6 functions not as a water channel but as an anion-selective channel. Single-channel analyses have shown AQP6 to flicker rapidly between closed and open status.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Aquaporin 6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Aquaporin 6 (EPLKKESQPGSGAVEMESV) was used as the immunogen for this Aquaporin 6 antibody.

Storage

After reconstitution, the Aquaporin 6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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