

Datasheet for ABIN7244207

anti-AQP3 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	AQP3
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AQP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide of human AQP3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	AQP3
Alternative Name:	AQP3 (AQP3 Products)
Background:	<p>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.</p> <p>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</p>

Target Details

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.

Molecular Weight: 32 kDa

NCBI Accession: [NP_004916](#)

UniProt: [Q92482](#)

Application Details

Application Notes: WB 1:200-1000, IHC 1:25-100, ELISA 1:1000-2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.3 mg/mL

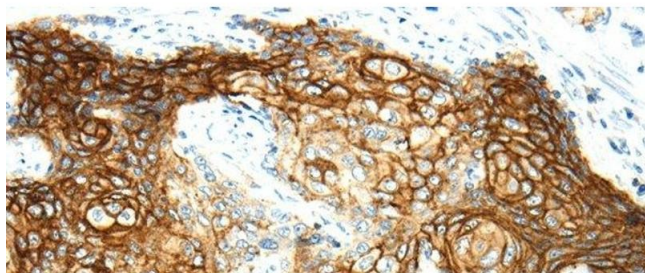
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

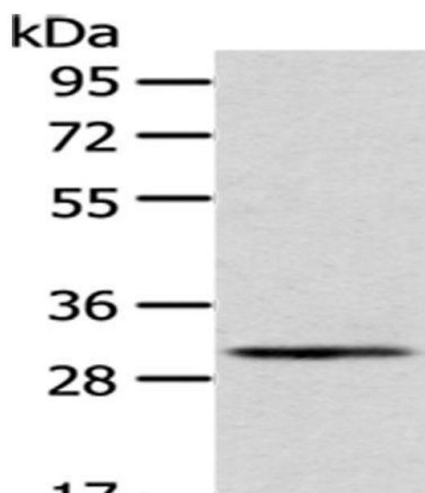
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human cervical cancer using AQP3 Polyclonal Antibody at dilution of 1/30



Western Blotting

Image 2. Western Blot analysis of A549 cells using AQP3 Polyclonal Antibody at dilution of 1/200