

AQP3 Antibody

Catalog No: #43394

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Description

Product Name	AQP3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total AQP3 protein.
Immunogen Description	Synthetic peptide of human AQP3
Target Name	AQP3
Other Names	GIL; AQP-3
Accession No.	Swiss-Prot#: Q92482 Gene ID: 360
Uniprot	Q92482
GeneID	360;
Calculated MW	31kd
Concentration	1.2 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

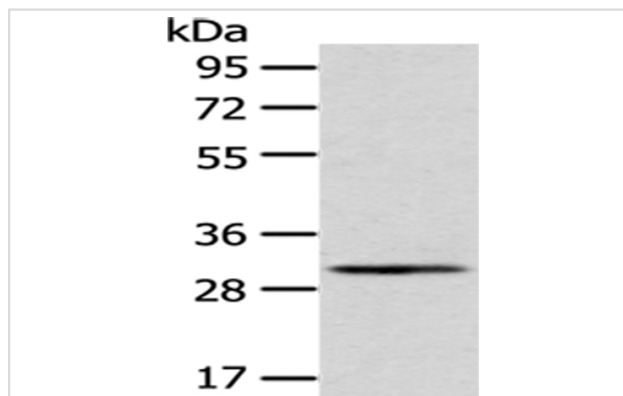
Application Details

Predicted MW:31kd

Western blotting: 1:1000~1:5000

Immunohistochemistry: 1:50~1:200

Images



Gel: 8%SDS-PAGE

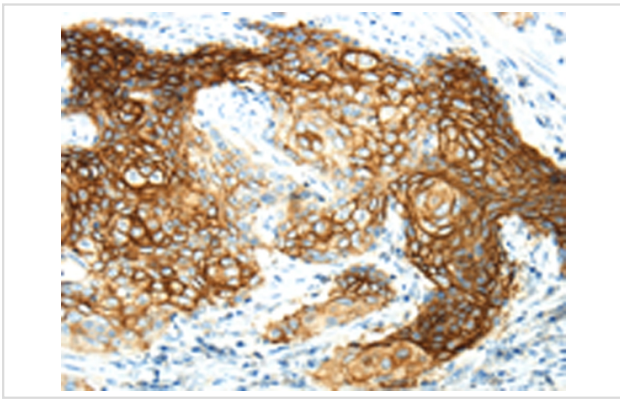
Lysate: 40 µg

Lane: A549 cells

Primary antibody: 1/200 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #43394 at dilution 1/30,

Background

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.?

Note: This product is for in vitro research use only