

AQP1 antibody

Product Information

Catalog No.:	FNab00519
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

AQP1 is a member of aquaporins (AQPs) that are small membrane-spanning proteins facilitating water transport. AQP1 is expressed in most tissues in the mammalian body. Alterations of AQP1 expression have been linked to variety of diseases, including cancer. The predicted molecular weight of AQP1 is around 28 kDa, while highly glycosylated form can also be observed around 40-45 kDa.

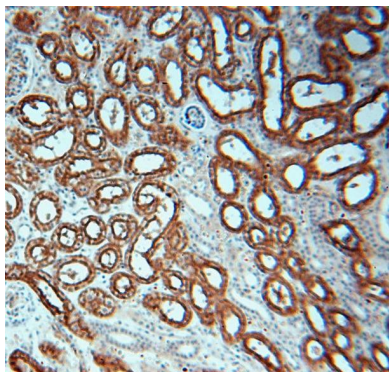
Immunogen information

Immunogen:	aquaporin 1(Colton blood group)
Synonyms:	Aquaporin-1 (AQP-1) Aquaporin-CHIP Urine water channel Water channel protein for red blood cells and kidney proximal tubule AQP1 CHIP28
Observed MW:	25-28 kDa, 40-45 kDa
Uniprot ID :	P29972

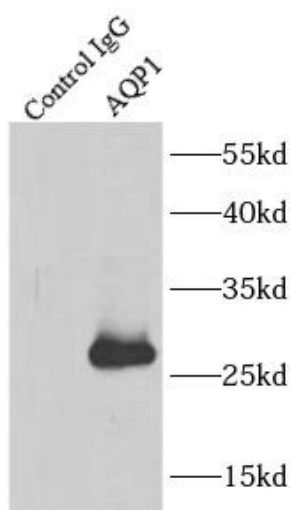
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:500-1:2000; IHC: 1:50-1:200

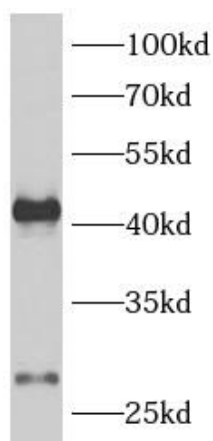
Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab00519(AQP1 antibody) at dilution of 1:100



IP Result of anti-AQP1 (IP: FNab00519, 4ug; Detection: FNab00519 1:1000) with mouse skeletal muscle tissue lysate 3600ug



human heart tissue were subjected to SDS PAGE followed by western blot with FNab00519(AQP1 antibody) at dilution of 1:500