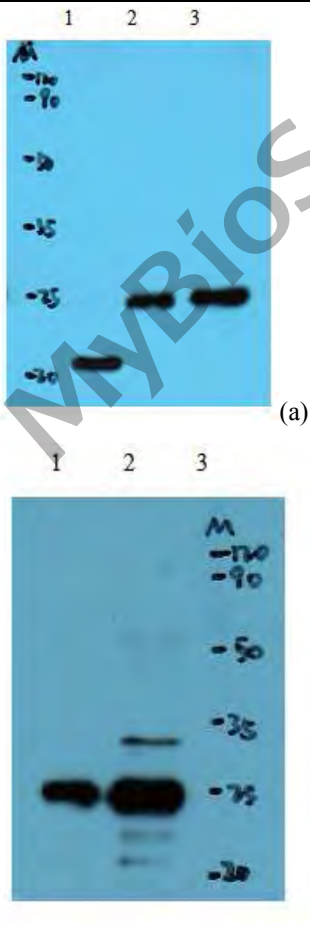


## Western blot analysis

<b>Product Name</b>	Recombinant Human Aquaporin-1(AQP1),partial	
<b>Catalog Number</b>	<b>MBS948542</b>	
<b>Expression host</b>	<i>E.coli</i>	
<b>Product Info</b>	N-terminal 6xHis-SUMO-tagged	
<b>Storage Buffer</b>	20 mM Tris-HCl, 0.5 M NaCl, pH 8.0, 50% glycerol	
<b>Batch Number</b>	03620	
<b>Nature</b>	Human AQP1-(AA 220-269)- <b>P29972</b> -Partial Protein	
<b>Purification</b>	Affinity purified using IMAC	
<b>Recommended Storage</b>	Short term	2 to 8 °C, one week from the date of receipt
	Long term	-20 to -80 °C, six months from the date of receipt
<b>Form</b>	Liquid	
<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>Western blot</b>	 <p>(a)</p> <p>(b)</p>	<p><b>Lane</b></p> <p>(a)</p> <p>Lane1:His fusion protein (positive control,loading:100ng)</p> <p>Lane2: <b>MBS948542</b>, loading:125ng</p> <p>Lane3: <b>MBS948542</b>, loading:250ng</p> <p>(b)</p> <p>Lane1: <b>MBS948542</b>, loading:125ng</p> <p>Lane2: <b>MBS948542</b>, loading:250ng</p> <p>Lane3:Marker (20、25、35、50、90、120kD)</p> <p><b>Antibodies</b></p> <p>(a) Lane1-3:<b>MBS1491670</b>, Dilution:1:2000</p> <p>(b) Lane1-2:<b>MBS1488372</b>, Dilution:1:1000</p>
<b>Positive size</b>	<b>MBS948542</b> : 21.6 kDa	

<b>Electrophoretic parameters</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.
<b>Conclusion</b>	<b>MBS948542</b> can be detected in different dilution gradients using either His-tag monoclonal antibody ( <b>MBS1491670</b> ) or specific antibody ( <b>MBS1488372</b> AQP1 Antibody).
<b>Date</b>	<b>9/20/2019</b>

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