

For Research Use Only

AQP1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 81137-4-PBS



Basic Information

Catalog Number:

81137-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14093

GenBank Accession Number:

BC022486

GeneID (NCBI):

358

UNIPROT ID:

P29972

Full Name:

aquaporin 1 (Colton blood group)

Calculated MW:

269 aa, 29 kDa

Purification Method:

Protein A purification

CloneNo.:

251798D1

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

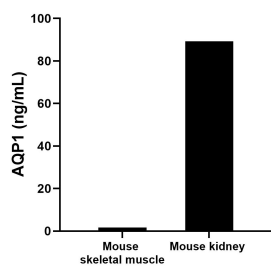
T: 4006900926

E: Proteintech-CN@ptglab.com

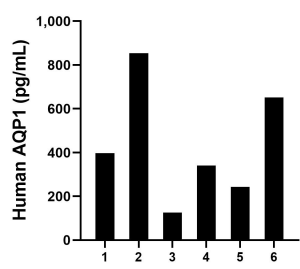
W: ptgcn.com

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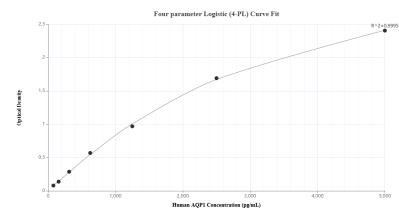
Selected Validation Data



The mean AQP1 concentration was determined to be 1.74 ng/mL in mouse skeletal tissue extract based on a 4.1 mg/mL extract load and 89.24 ng/mL in mouse kidney tissue extract based on a 6.4 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The human AQP1 concentration of detected samples was determined to be 435.6 pg/mL with a range of 126.0 - 853.9 pg/mL.



Sandwich ELISA standard curve of MP02804-1, Human AQP1 Recombinant Matched Antibody Pair - PBS only. 81137-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag14093. 81137-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL