

For Research Use Only

AQR Polyclonal antibody

Catalog Number: 24342-1-AP

1 Publications



Basic Information

Catalog Number:

24342-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17810

GenBank Accession Number:

BC127111

GeneID (NCBI):

9716

UNIPROT ID:

O60306

Full Name:

aquarius homolog (mouse)

Calculated MW:

1485 aa, 171 kDa

Observed MW:

160-171 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, Jurkat cells

IP : HEK-293 cells,

IHC : human brain tissue, human kidney tissue

IF/ICC : U2OS cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Federico Teloni	30639241	Mol Cell	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

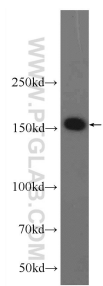
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

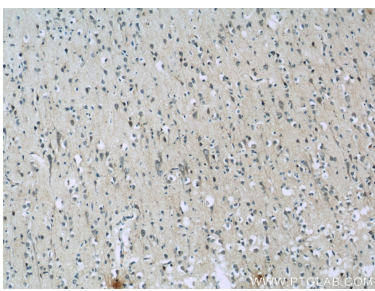
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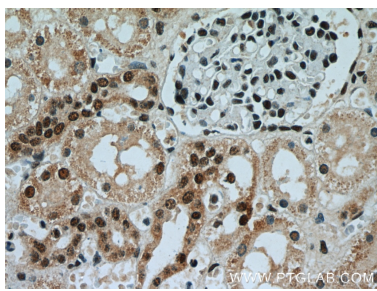
Selected Validation Data



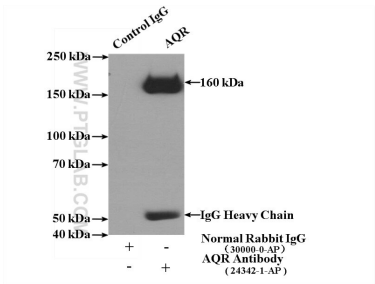
HEK-293 cells were subjected to SDS PAGE followed by western blot with 24342-1-AP (AQR Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain slide using 24342-1-AP (AQR Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 24342-1-AP (AQR Antibody) at dilution of 1:50.



IP result of anti-AQR (IP:24342-1-AP, 4ug; Detection:24342-1-AP 1:1000) with HEK-293 cells lysate 2800ug.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using AQR antibody (24342-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using AQR antibody (24342-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).