For Research Use Only

AQP7 Polyclonal antibody

Catalog Number:25131-1-AP 3 Publications

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Basic Information

Catalog Number:
25131-1-AP

Size:
300 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG17945

GenBank Accession Number:
BC062701

GeneID (NCBI):
364

UNIPROT ID:
O14520

Full Name:
aquaporin 7

Calculated MW:
342 aa, 37 kDa

Observed MW:
25-30 kDa, 40 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:
IHC, IP, ELISA

Cited Applications:
IF, IHC

Species Specificity:
human, mouse

Cited Species:
mouse

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:

IP : mouse kidney tissue,

IHC : human kidney tissue, mouse kidney tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Amy C Engevik	30144427	Gastroenterology	IF
Jingjing Da	37931516	Biomed Pharmacother	IHC
Sheng Gao	37410071	FASEB J	IF

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

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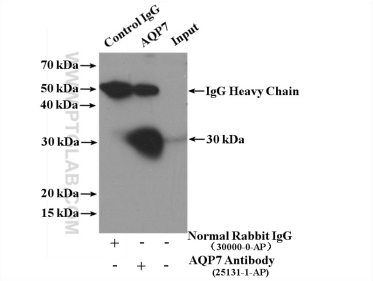
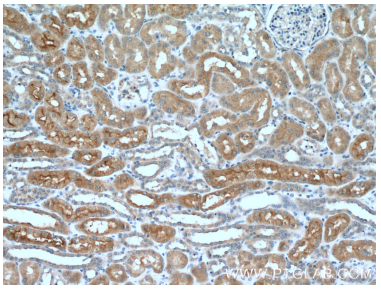
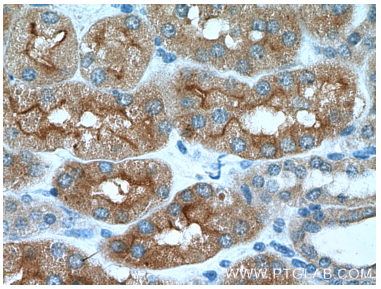
Selected Validation Data



IP result of anti-AQP7 (IP:25131-1-AP, 4ug; Detection:25131-1-AP 1:300) with mouse kidney tissue lysate 6500ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25131-1-AP (AQP7 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25131-1-AP (AQP7 Antibody) at dilution of 1:200 (under 40x lens).