

For Research Use Only

VWA8 Polyclonal antibody

Catalog Number: 31348-1-AP



Basic Information

| | | |
|---------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|
| Catalog Number: 31348-1-AP | GenBank Accession Number: NM_015058.1 | Purification Method: Antigen affinity purification |
| Size: 350 ug/ml | GeneID (NCBI): 23078 | Recommended Dilutions: WB 1:500-1:1000 |
| Source: Rabbit | UNIPROT ID: A3KMH1 | IHC 1:50-1:500 |
| Isotype: IgG | Full Name: KIAA0564 | IF/ICC 1:50-1:500 |
| Immunogen Catalog Number: AG35404 | Calculated MW: 215kDa, 1905aa | |
| | Observed MW: 204-215 kDa, 117 kDa | |

Applications

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Tested Applications: WB, IHC, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human, mouse | WB : HepG2 cells, |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | IHC : mouse kidney tissue, |
| | IF/ICC : U2OS cells, |

Background Information

VWA8, also known as KIAA0564, is a mitochondrial matrix-targeted protein having a putative ATPase activity (PMID: 34660594). It has 3 isoforms with the MW of 215, 204, and 117 kDa.

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:

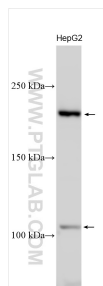
T: 4006900926

E: Proteintech-CN@ptglab.com

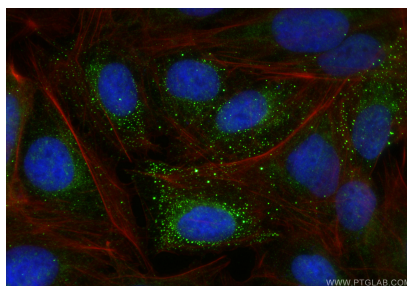
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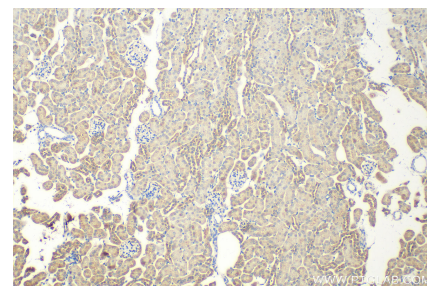
Selected Validation Data



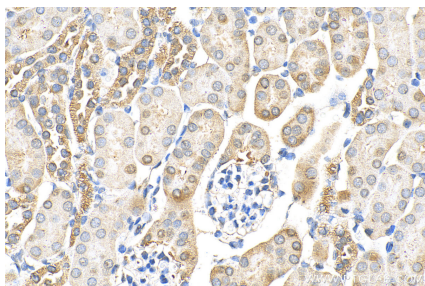
HepG2 cells were subjected to SDS PAGE followed by western blot with 31348-1-AP (KIAA0564 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using VWA8 antibody (31348-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31348-1-AP (VWA8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31348-1-AP (VWA8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).