

For Research Use Only

# VWA8 Polyclonal antibody

Catalog Number: 31348-1-AP



## Basic Information

<b>Catalog Number:</b> 31348-1-AP	<b>GenBank Accession Number:</b> NM_015058.1	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23078	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> A3KMH1	IHC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> KIAA0564	IF/ICC 1:50-1:500
<b>Immunogen Catalog Number:</b> AG35404	<b>Calculated MW:</b> 215kDa 1905aa	
	<b>Observed MW:</b> 204-215 kDa, 117 kDa	

## Applications

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

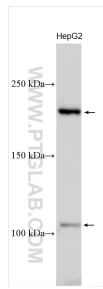
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

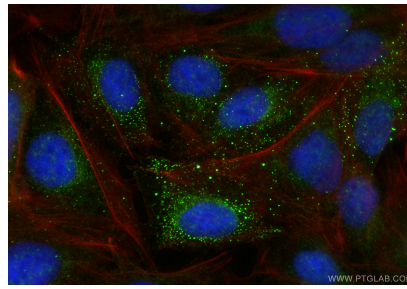
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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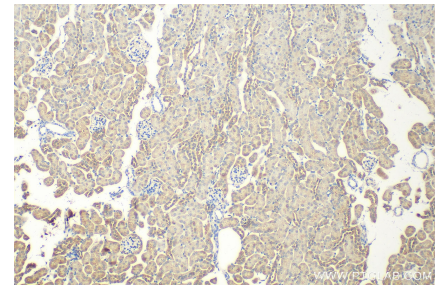
## Selected Validation Data



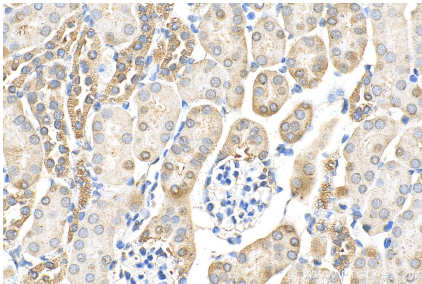
HepG2 cells were subjected to SDS PAGE followed by western blot with 31348-1-AP (KIAA0564 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



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).