

For Research Use Only

Vertnin Polyclonal antibody

Catalog Number: 24824-1-AP



Basic Information

Catalog Number: 24824-1-AP	GenBank Accession Number: BC053325	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55237	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: chromosome 14 open reading frame 115	
Isotype: IgG	Calculated MW: 702 aa, 78 kDa	
Immunogen Catalog Number: AG20678	Observed MW: 80 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : SGC-7901 cells, IHC : human placenta tissue, IF : HepG2 cells,
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	

Background Information

Vertnin, also named as VRTN and C14orf115, belongs to the vertnin family. It is an essential factor for development of the embryo in a wide range of organisms.

Storage

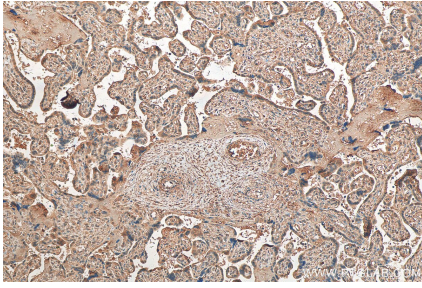
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

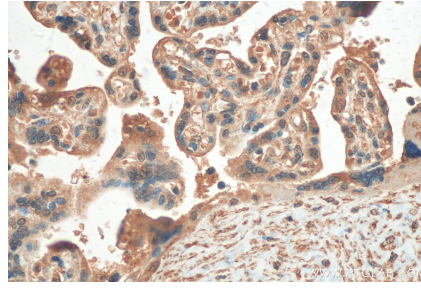
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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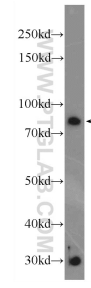
Selected Validation Data



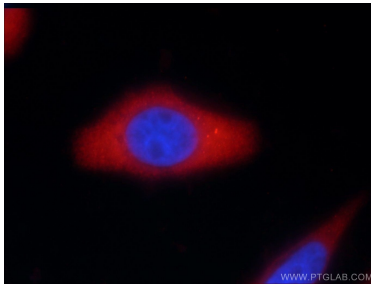
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 24824-1-AP (Vertnin antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 24824-1-AP (Vertnin antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 24824-1-AP (Vertnin antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 24824-1-AP (Vertnin antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.