

For Research Use Only

# DENND1A Polyclonal antibody

Catalog Number: 25658-1-AP



## Basic Information

<b>Catalog Number:</b> 25658-1-AP	<b>GenBank Accession Number:</b> BC039703	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 57706	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TEH3	
<b>Isotype:</b> IgG	<b>Full Name:</b> DENN/MADD domain containing 1A	
<b>Immunogen Catalog Number:</b> AG22547	<b>Calculated MW:</b> 1009 aa, 111 kDa	
	<b>Observed MW:</b> 111 kDa, 64 kDa	

## Applications

<b>Tested Applications:</b> WB, IP, IF, IHC, ELISA	<b>Positive Controls:</b> WB : SKOV-3 cells, A2780 cells, K-562 cells IP : K-562 cells, IHC : human endometrial cancer tissue, human liver tissue IF : SKOV-3 cells,
<b>Species Specificity:</b> human	
<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>	

## Background Information

DENND1A (DENN/MADD domain containing 1A), also known as Connecdenn, FAM31A or KIAA1608, is a 1,009 amino acid peripheral membrane protein. Recent studies has found DENND1A is strongly associated with PCOS (Polycystic ovary syndrome). DENND1A has several isoforms. This antibody (25658-1-AP) can recognize all the isoforms at 112 kDa, 52-64 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

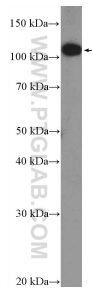
For technical support and original validation data for this product please contact:

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

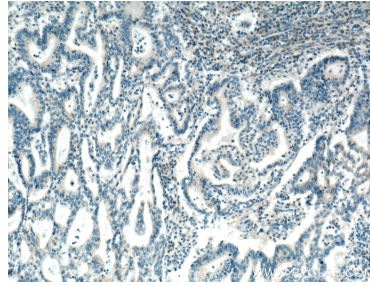
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

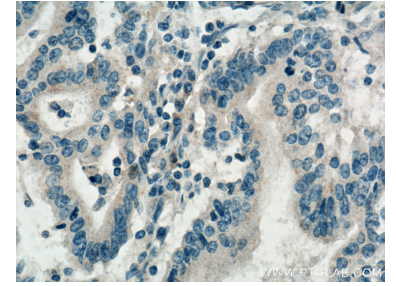
## Selected Validation Data



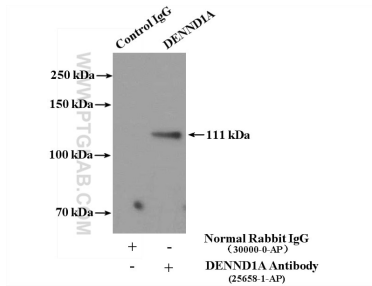
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 25658-1-AP (DENND1A Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



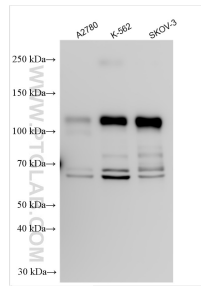
Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 25658-1-AP (DENND1A antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



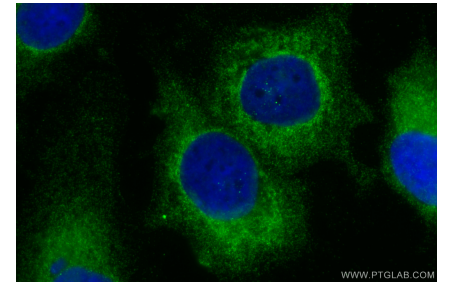
Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 25658-1-AP (DENND1A antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DENND1A (IP:25658-1-AP, 4ug; Detection:25658-1-AP 1:600) with K-562 cells lysate 3200ug.



Various lysates were subjected to SDS PAGE followed by western blot with 25658-1-AP (DENND1A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed SKOV-3 cells using DENND1A antibody (25658-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).