

DENND1A Polyclonal antibody

Catalog Number: 25658-1-AP

Basic Information

Catalog Number:

25658-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22547

GenBank Accession Number:

BC039703

GeneID (NCBI):

57706

UNIPROT ID:

Q8TEH3

Full Name:

DENN/MADD domain containing 1A

Calculated MW:

1009 aa, 111 kDa

Observed MW:

111 kDa, 64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IP, IF/ICC, IHC, ELISA

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**

Positive Controls:

WB : SKOV-3 cells, A2780 cells, K-562 cells

IP : K-562 cells,

IHC : human endometrial cancer tissue, human liver tissue

IF/ICC : SKOV-3 cells,

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 have 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:

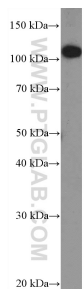
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

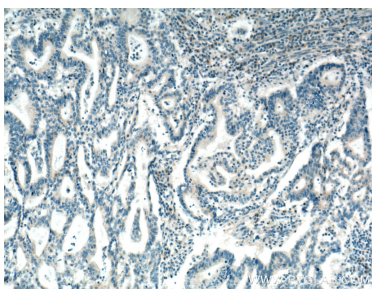
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

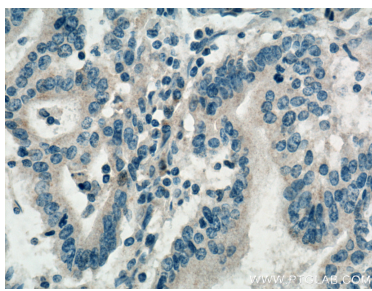
Selected Validation Data



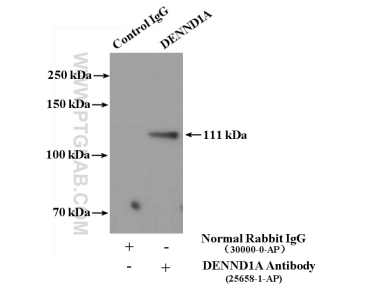
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 25658-1-AP (DENND1A Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



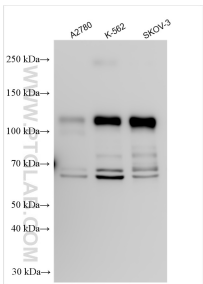
Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 25658-1-AP (DENND1A antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



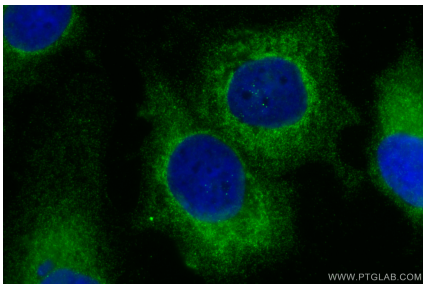
Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 25658-1-AP (DENND1A antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).