

For Research Use Only

DENND2D Polyclonal antibody

Catalog Number: 33113-1-AP



Basic Information

Catalog Number: 33113-1-AP	GenBank Accession Number: BC004557	Purification Method: Antigen affinity Purification
Concentration: 300 ug/ml	GeneID (NCBI): 79961	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:200-1:800 IF/ICC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9H6A0	
Isotype: IgG	Full Name: DENN/MADD domain containing 2D	
Immunogen Catalog Number: AG36381	Observed MW: 48-50 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB: HeLa cells, MCF-7 cells, MDA-MB-231 cells, MOLT-4 cells, SK-BR-3 cells
Species Specificity: human	IHC: human ovary tumor tissue, human stomach cancer tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF/ICC: A431 cells,

Background Information

DENND2D (DENN domain-containing protein 2D) is a protein containing a DENN domain and belongs to the family of membrane transport proteins, participating in intracellular membrane transport and signal transduction processes. The DENND2D protein comprises several conserved domains, such as the uDENN, DENN, and dDENN domains, which are widely present in various signaling proteins. In cancer research, the expression and methylation status of DENND2D hold significant prognostic value. DENND2D may serve as a novel tumor biomarker for predicting cancer progression and recurrence.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

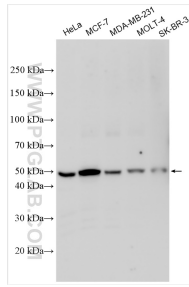
T: 4006900926

E: Proteintech-CN@ptglab.com

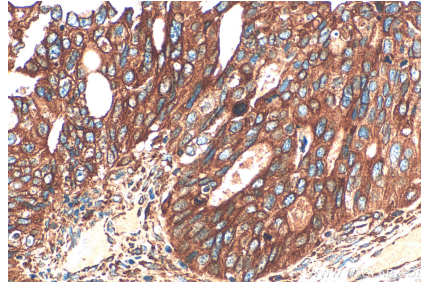
W: ptgcn.com

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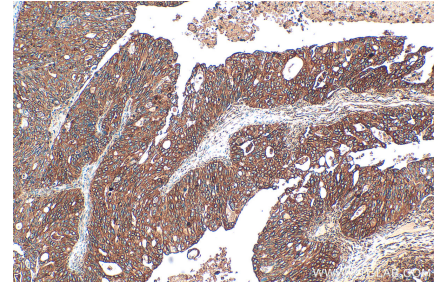
Selected Validation Data



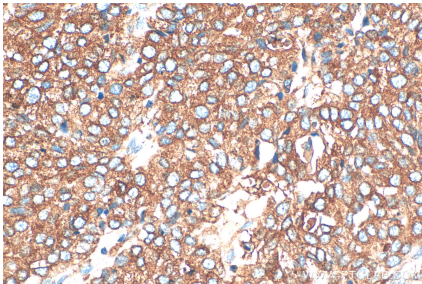
Various lysates were subjected to SDS PAGE followed by western blot with 33113-1-AP (DENND2D antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



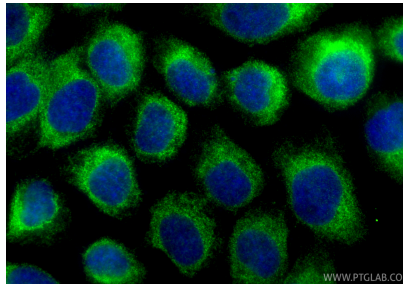
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 33113-1-AP (DENND2D antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 33113-1-AP (DENND2D antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 33113-1-AP (DENND2D antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using DENND2D antibody (33113-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).