

For Research Use Only

DEPDC6 Polyclonal antibody

Catalog Number: 21312-1-AP



Basic Information

Catalog Number: 21312-1-AP	GenBank Accession Number: BC024746	Purification Method: Antigen affinity purification
Size: 200 µg/ml	GeneID (NCBI): 64798	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q8TB45	
Isotype: IgG	Full Name: DEP domain containing 6	
Immunogen Catalog Number: AG15959	Calculated MW: 409 aa, 46 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, COLO 320 cells, HT-1080 cells IHC : human thyroid cancer tissue,
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

DEPTOR, also named as DEPDC6, is a negative regulator of the mTORC1 and mTORC2 signaling pathways. Through mTOR interactions, DEPTOR is implicated in pathways for cell growth and differentiation, as well as cell-cycle prolongation or termination. It inhibits the kinase activity of both complexes. The MW will migrate to 50-55 kDa with phospho- form.

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

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

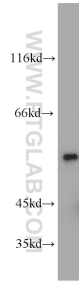
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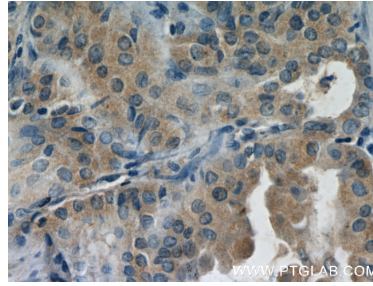
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 21312-1-AP (DEPDC6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human thyroid cancer slide using 21312-1-AP (DEPDC6 Antibody) at dilution of 1:50.