

For Research Use Only

# DEPDC6 Polyclonal antibody

Catalog Number: 21312-1-AP



## Basic Information

<b>Catalog Number:</b> 21312-1-AP	<b>GenBank Accession Number:</b> BC024746	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 64798	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> DEP domain containing 6	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 409 aa, 46 kDa	
<b>Immunogen Catalog Number:</b> AG15959	<b>Observed MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, COLO 320 cells, HT-1080 cells
<b>Species Specificity:</b> human	<b>IHC :</b> human thyroid cancer tissue,
<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

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

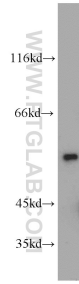
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

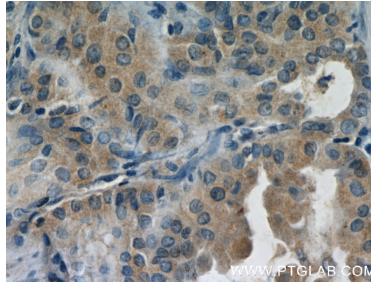
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



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.