

For Research Use Only

# EDC4 Polyclonal antibody

Catalog Number: 17737-1-AP

Featured Product

8 Publications



## Basic Information

<b>Catalog Number:</b> 17737-1-AP	<b>GenBank Accession Number:</b> BC064567	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23644	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:300-1:1200 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6P2E9	
<b>Isotype:</b> IgG	<b>Full Name:</b> enhancer of mRNA decapping 4	
<b>Immunogen Catalog Number:</b> AG11784	<b>Calculated MW:</b> 1401 aa, 152 kDa	
	<b>Observed MW:</b> 160 kDa	

## Applications

<b>Tested Applications:</b> WB, IF, IHC, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells
<b>Cited Applications:</b> WB, IF	<b>IHC :</b> human liver cancer tissue, human colon cancer tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IF :</b> HeLa cells,
<b>Cited Species:</b> human, mouse	
<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>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Dongsheng Zhai	36088389	Cell Biosci	WB,IF
Tao Liu	34552820	Mol Ther Nucleic Acids	WB
Dongxu Jiang	29537490	FEBS Lett	IF

## Storage

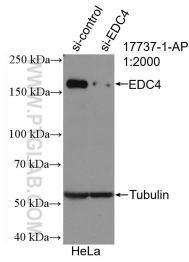
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

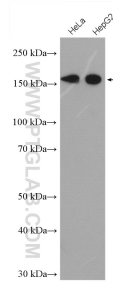
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

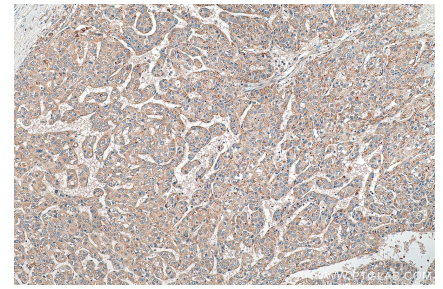
## Selected Validation Data



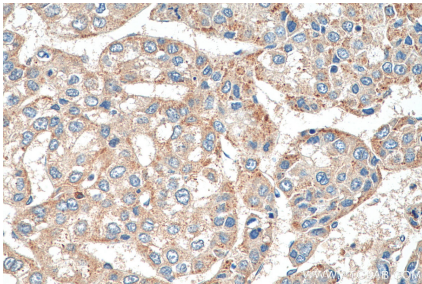
WB result of EDC4 antibody (17737-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EDC4 transfected HeLa cells.



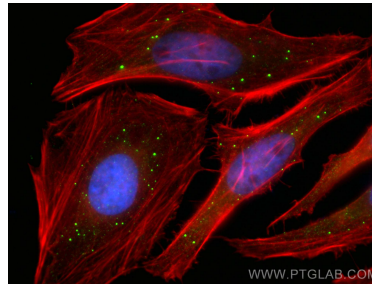
HeLa cells and HepG2 cells were subjected to SDS PAGE followed by western blot with 17737-1-AP (EDC4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17737-1-AP (EDC4 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17737-1-AP (EDC4 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EDC4 antibody (17737-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).