

For Research Use Only

# EDC3 Polyclonal antibody

Catalog Number: 16486-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 16486-1-AP	<b>GenBank Accession Number:</b> BC021271	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 80153	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> enhancer of mRNA decapping 3 homolog (S. cerevisiae)	<b>IHC 1:50-1:500</b> <b>IF 1:200-1:800</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 508 aa, 56 kDa	
<b>Immunogen Catalog Number:</b> AG9608	<b>Observed MW:</b> 56 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293T cells, MCF-7 cells, HeLa cells
<b>Cited Applications:</b> IF, WB	<b>IP :</b> HeLa cells,
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human kidney tissue, human heart tissue, human placenta tissue, human skin tissue, human liver tissue, human spleen tissue
<b>Cited Species:</b> human, rat, mouse	<b>IF :</b> HeLa cells,

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
Eva Riechert	33979607	Cell Rep	WB
Vladimir Majerciak	37427791	Nucleic Acids Res	
Lauren G Chukrallah	37428816	PLoS Genet	IF

## Storage

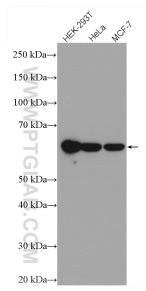
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

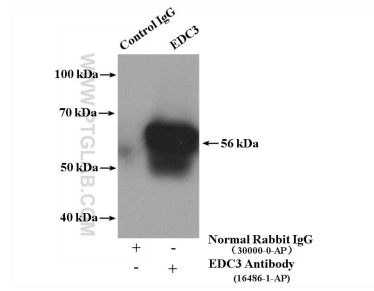
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

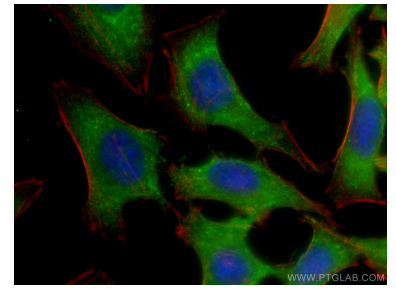
## Selected Validation Data



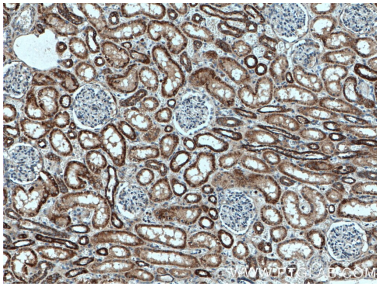
Various lysates were subjected to SDS PAGE followed by western blot with 16486-1-AP (EDC3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



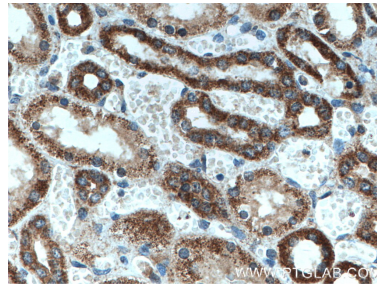
IP Result of anti-EDC3 (IP:16486-1-AP, 4ug; Detection:16486-1-AP 1:500) with HeLa cells lysate 3200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using EDC3 antibody (16486-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16486-1-AP (EDC3 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 kidney tissue slide using 16486-1-AP (EDC3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).