

For Research Use Only

# DEAF1 Polyclonal antibody

Catalog Number:18323-1-AP



## Basic Information

<b>Catalog Number:</b> 18323-1-AP	<b>GenBank Accession Number:</b> BC053322	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 ug/ml	<b>GeneID (NCBI):</b> 10522	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75398	
<b>Isotype:</b> IgG	<b>Full Name:</b> deformed epidermal autoregulatory factor 1 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG13173	<b>Calculated MW:</b> 565 aa, 59 kDa	
	<b>Observed MW:</b> 60-63 kDa, 72 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** HeLa cells, BxPC-3 cells, Jurkat cells, SH-SY5Y cells

**IHC :** human kidney tissue, human placenta tissue, human testis tissue, human skin tissue, human brain tissue, human spleen tissue, human lung tissue, human liver cancer tissue

**IF/ICC :** Jurkat cells,

## Background Information

### 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:

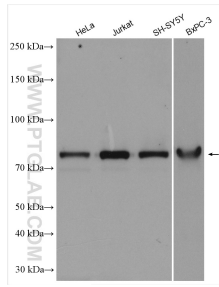
T: 4006900926

E: Proteintech-CN@ptglab.com

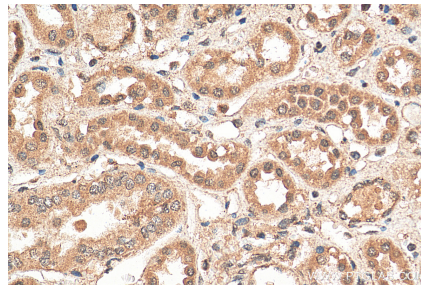
W: ptgcn.com

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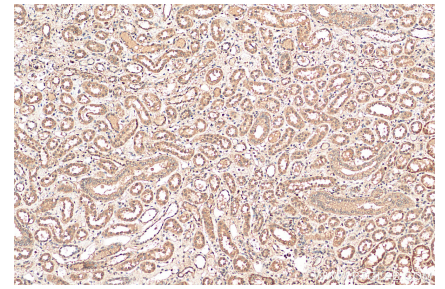
## Selected Validation Data



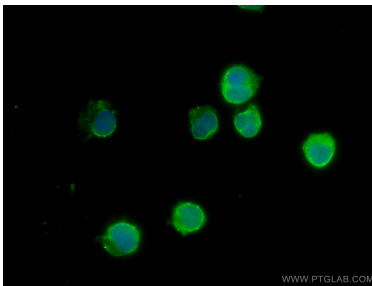
Various lysates were subjected to SDS PAGE followed by western blot with 18323-1-AP (DEAF1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18323-1-AP (DEAF1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18323-1-AP (DEAF1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using DEAF1 antibody (18323-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).