

For Research Use Only

# EBF1 Polyclonal antibody

Catalog Number: 14159-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 14159-1-AP	<b>GenBank Accession Number:</b> BC038805	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 1879	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UH73	
<b>Isotype:</b> IgG	<b>Full Name:</b> early B-cell factor 1	
<b>Immunogen Catalog Number:</b> AG5341	<b>Calculated MW:</b> 591 aa, 64 kDa	
	<b>Observed MW:</b> 57-67 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, Raji cells, 3T3-L1 cells
<b>Cited Applications:</b> WB, IHC	<b>IHC :</b> human stomach cancer tissue,
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> mouse	

**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

EBF1, also named as O/E-1, OE-1, OLF1, COE1 and EBF, belongs to the COE family. It is a transcriptional activator which recognizes variations of the palindromic sequence 5'-ATTCCCNNGGAATT-3'. EBF1 is a key factor for the specification of B-cell lineage.

## Notable Publications

Author	Pubmed ID	Journal	Application
Joshua E Burda	35614216	Nature	IHC
Junlei Zhang	35968927	ACS Nano	WB
Ting Wang	38303710	iScience	WB

## 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:

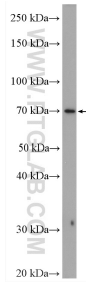
T: 4006900926

E: Proteintech-CN@ptglab.com

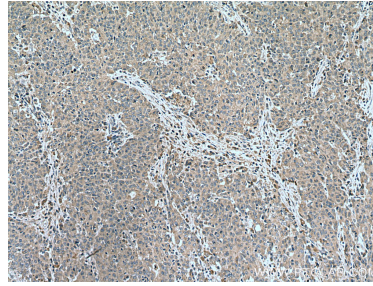
W: ptgcn.com

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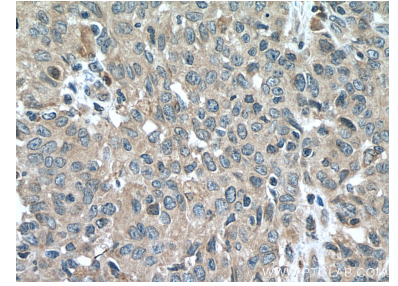
## Selected Validation Data



U2OS cells were subjected to SDS PAGE followed by western blot with 14159-1-AP (EBF1 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 14159-1-AP (EBF1 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 14159-1-AP (EBF1 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).