

For Research Use Only

EBF1 Polyclonal antibody

Catalog Number: 14159-1-AP **2 Publications**



Basic Information

Catalog Number: 14159-1-AP	GenBank Accession Number: BC038805	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1879	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: early B-cell factor 1	
Isotype: IgG	Calculated MW: 591 aa, 64 kDa	
Immunogen Catalog Number: AG5341	Observed MW: 57-67 kDa	

Applications

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

Storage

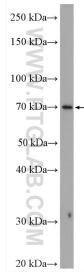
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

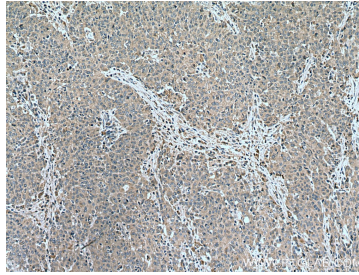
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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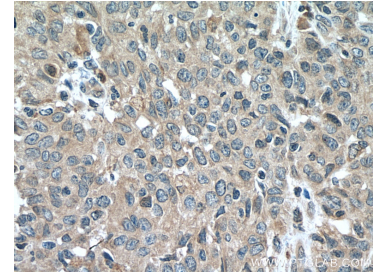
Selected Validation Data



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).