

For Research Use Only

TFEC Polyclonal antibody

Catalog Number: 29324-1-AP



Basic Information

Catalog Number: 29324-1-AP	GenBank Accession Number: BC029891	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 22797	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: O14948	
Isotype: IgG	Full Name: transcription factor EC	
Immunogen Catalog Number: AG30973	Calculated MW: 347 aa, 39 kDa	
	Observed MW: 37-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, mouse testis tissue, rat testis tissue
Species Specificity: Human, mouse, rat	

Background Information

The DNA-binding factor TFE3 contains adjacent helix-loop-helix (HLH) and leucine zipper (LZ) domains flanked by an upstream basic region. These protein motifs are frequently observed in other transcription factors and are particularly common to members of the Myc family. TFEC shares a bHLH/LZ structure with TFE3 and a closely related protein microphthalmia-associated transcription factor (MITF), which is critically involved in melanocyte differentiation. The expression of TFEC is mainly in fibroblasts, myoblasts, chondrosarcoma cells and myeloma cells. 50kDa human TFEC isoforms are produced by alternative splicing (PMID: 29303964, PMID: 11467950).

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:

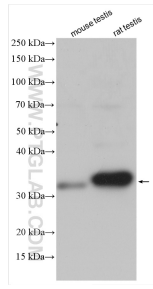
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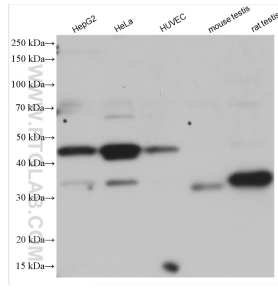
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29324-1-AP (TFEC antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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