

For Research Use Only

# OSTF1 Polyclonal antibody

Catalog Number: 10671-1-AP



## Basic Information

<b>Catalog Number:</b> 10671-1-AP	<b>GenBank Accession Number:</b> BC007459	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 26578	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92882	
<b>Isotype:</b> IgG	<b>Full Name:</b> osteoclast stimulating factor 1	
<b>Immunogen Catalog Number:</b> AG1072	<b>Calculated MW:</b> 28 kDa	
	<b>Observed MW:</b> 28 kDa	

## Applications

**Tested Applications:**  
IHC, WB, 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 : C2C12 cell,

IHC : human breast cancer tissue, human kidney tissue, human lung tissue, human placenta tissue, human testis tissue

## Background Information

OSTF1 (Osteoclast-stimulating factor-1) is an intracellular protein produced by osteoclasts that indirectly induces osteoclast formation and bone resorption. It induces bone resorption, acting probably through a signaling cascade which results in the secretion of factor(s) enhancing osteoclast formation and activity

## 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:

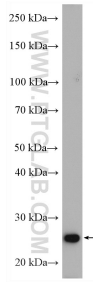
T: 4006900926

E: Proteintech-CN@ptglab.com

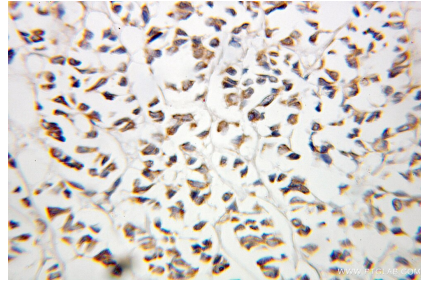
W: ptgcn.com

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## Selected Validation Data



C2C12 cell were subjected to SDS PAGE followed by western blot with 10671-1-AP (OSTF1 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 10671-1-AP (OSTF1 antibody) at dilution of 1:100 (under 25x lens).