

For Research Use Only

# BRF2 Polyclonal antibody

Catalog Number:12056-1-AP

1 Publications



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>12056-1-AP   | <b>GenBank Accession Number:</b><br>BC010648  | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 550 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>55290  | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000             |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>Q9HAW0  |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like |  |
| <b>Immunogen Catalog Number:</b><br>AG2686   | <b>Calculated MW:</b><br>47 kDa   |  |
|  | <b>Observed MW:</b><br>50-60 kDa  |  |

## Applications

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|--|---|
| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b><br>WB : HT-1080 cells, DU 145 cells |
| <b>Cited Applications:</b><br>WB                 |   |
| <b>Species Specificity:</b><br>human, mouse, rat |   |
| <b>Cited Species:</b><br>human                   |   |

## Background Information

Human cells contain two types of RNA polymerase III transcription factor(TFIIIB), BRF1 and BRF2. BRF2,also named as BRFU, contains one TFIIIB-type zinc finger. It is a general activator of RNA polymerase III transcription. It is a factor exclusively required for RNA polymerase III transcription of genes with promoter elements upstream of the initiation sites.BRF2 is recruited to type 3 promoters such as the human U6 snRNA promoter. It differs from BRF1-TFIIIB in that it contains the TFIIIB-related factor BRF2 instead of BRF1 and its three components do not form a stable complex. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human BRF2. It recognizes a 50-60kd band in WB analysis.

## Notable Publications

| Author       | Pubmed ID | Journal    | Application |
|--------------|-----------|------------|-------------|
| Jianfeng Sun | 36369505  | Nat Commun | WB          |

## Storage

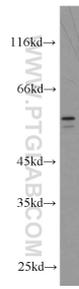
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



HT-1080 cells were subjected to SDS PAGE followed by western blot with 12056-1-AP (BRF2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.