

For Research Use Only

BRF2 Polyclonal antibody

Catalog Number: 12056-1-AP

1 Publications



Basic Information

Catalog Number:

12056-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2686

GenBank Accession Number:

BC010648

GeneID (NCBI):

55290

UNIPROT ID:

Q9HAW0

Full Name:

BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like

Calculated MW:

47 kDa

Observed MW:

50-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : HT-1080 cells, DU 145 cells

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

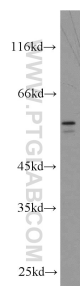
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Selected Validation Data



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.