

Product Information**Size:**

50ul

Protein Background:

RNA-directed RNA polymerase that catalyzes the transcription of viral mRNAs, their capping and polyadenylation. The template is composed of the viral RNA tightly encapsidated by the nucleoprotein (N). The viral polymerase binds to the genomic RNA at the 3' leader promoter, and transcribes subsequently all viral mRNAs with a decreasing efficiency. The first gene is the most transcribed, and the last the least transcribed. The viral phosphoprotein acts as a processivity factor. Capping is concomitant with initiation of mRNA transcription. Indeed, a GDP polyribonucleotidyl transferase (PRNTase) adds the cap structure when the nascent RNA chain length has reached few nucleotides. Ribose 2'-O methylation of viral mRNA cap precedes and facilitates subsequent guanine-N-7 methylation, both activities being carried by the viral polymerase. Polyadenylation of mRNAs occur by a stuttering mechanism at a slippery stop site present at the end viral genes.

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Gene ID:

VGF

Recommended dilutions:ELISA:1:1000-1:2000, WB:1:200-1:1000,
IHC:1:30-1:150**Uniprot**

O15240

Synonyms:

VGF nerve growth factor inducible

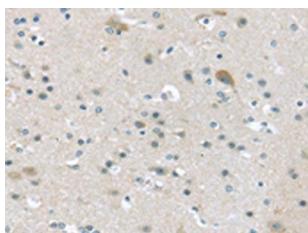
Immunogen:

Synthetic peptide of human VGF.

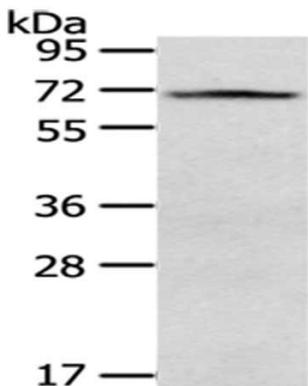
Storage:

-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

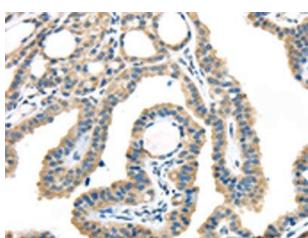
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO20852(VGF Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 μgPrimary antibody: PACO20852(VGF Antibody) at dilution 1/500 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO20852(VGF Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x—200).