

**Product Name: VGF Rabbit Polyclonal Antibody**  
**Catalog #: APRab19782**



## Summary

<b>Production Name</b>	VGF Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	VGF
<b>Alternative Names</b>	VGF; Neurosecretory protein VGF
<b>Gene ID</b>	7425.0
<b>SwissProt ID</b>	O15240.The antiserum was produced against synthesized peptide derived from the Internal region of human VGF. AA range:451-500

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. IHC-p: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
<b>Molecular Weight</b>	67kD

## Background

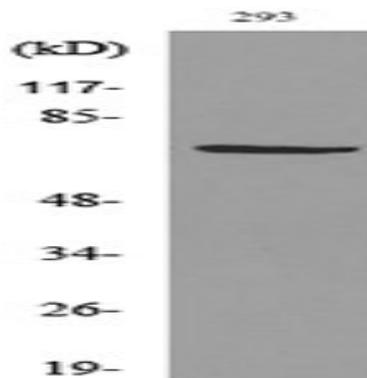
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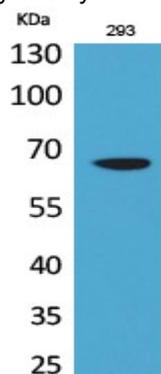
This gene is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. The structural organization of this gene is similar to that of the rat gene, and both the translated and the untranslated regions show a high degree of sequence similarity to the rat gene. The encoded secretory protein also shares similarities with the secretogranin/chromogranin family, however, its exact function is not known. [provided by RefSeq, Jul 2008],function:May be involved in the regulation of cell-cell interactions or in synatogenesis during the maturation of the nervous system.,subcellular location:Stored in secretory vesicles and then secreted.,tissue specificity:Expressed in brain.,

## Research Area

## Image Data

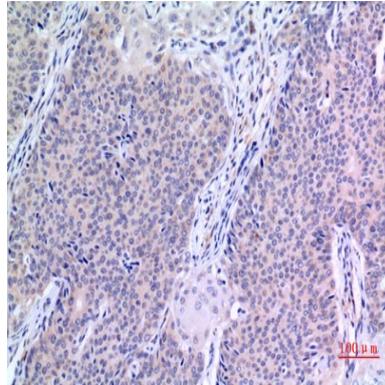


Western blot analysis of lysate from 293 cells, using VGF Antibody.

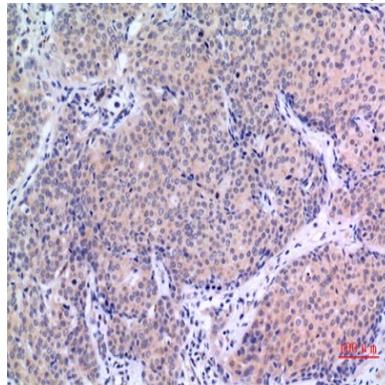


Western Blot analysis of 293 cells using VGF Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

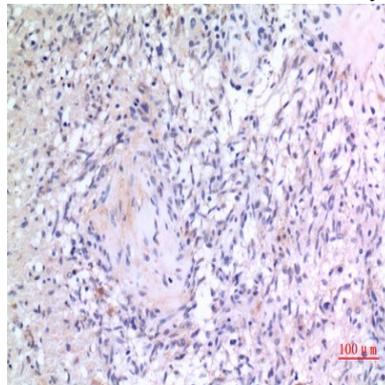
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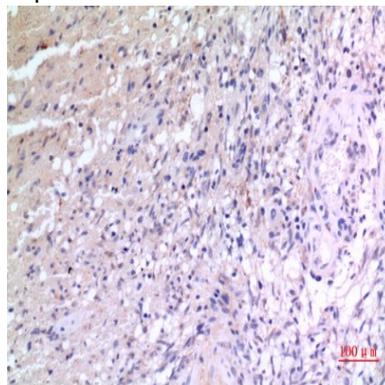
Immunohistochemical analysis of paraffin-embedded human-mammary-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-mammary-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

**Note**

For research use only.