

**VGF Polyclonal Antibody**  
**Catalog # AP73058****Specification**

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**VGF Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">O15240</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**VGF Polyclonal Antibody - Additional Information****Gene ID** 7425**Other Names**

VGF; Neurosecretory protein VGF

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**VGF Polyclonal Antibody - Protein Information****Name** VGF**Function**

[Neurosecretory protein VGF]: Secreted polyprotein that is packaged and proteolytically processed by prohormone convertases PCSK1 and PCSK2 in a cell-type-specific manner (By similarity). VGF and peptides derived from its processing play many roles in neurogenesis and neuroplasticity associated with learning, memory, depression and chronic pain (By similarity).

**Cellular Location**

[Neurosecretory protein VGF]: Secreted. Cytoplasmic vesicle, secretory vesicle. Note=Stored in secretory vesicles and then secreted, NERP peptides colocalize with vasopressin in the storage granules of hypothalamus

**Tissue Location**

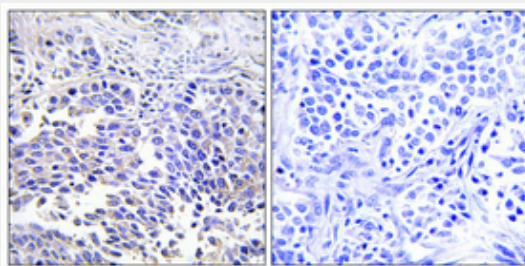
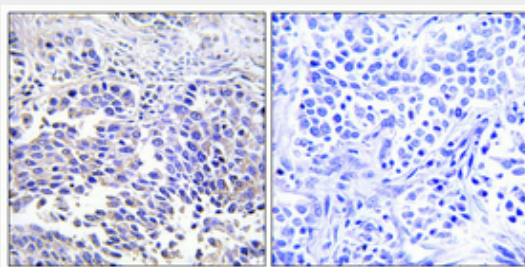
Central and peripheral nervous systems, synthesized exclusively in neuronal and neuroendocrine cells

## VGF Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## VGF Polyclonal Antibody - Images



## VGF Polyclonal Antibody - Background

May be involved in the regulation of cell-cell interactions or in synaptogenesis during the maturation of the nervous system.