

VGF Polyclonal Antibody
Catalog # AP73479**Specification**

VGF Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O15240
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. IHC-p: 1/100-1/300. ELISA: 1/20000. 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

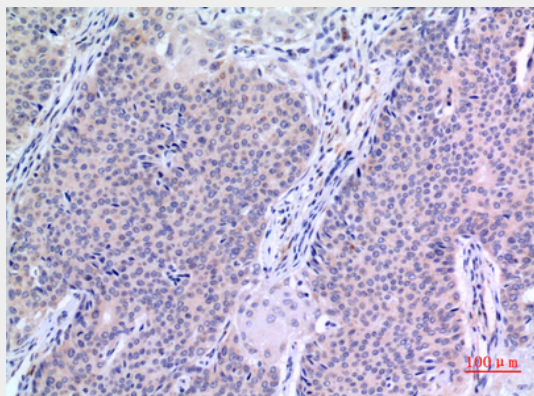
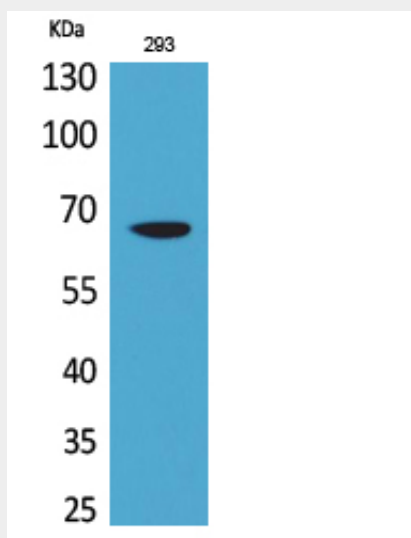
Central and peripheral nervous systems, synthesized exclusively in neuronal and neuroendocrine cells

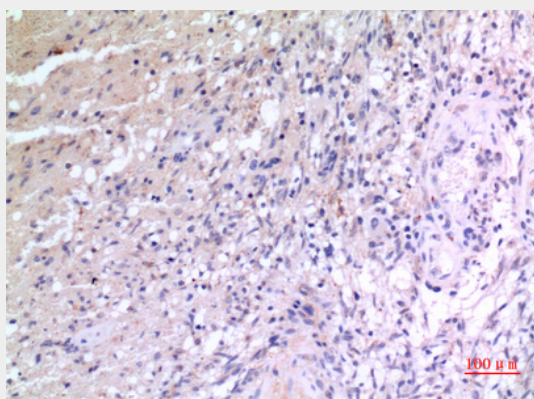
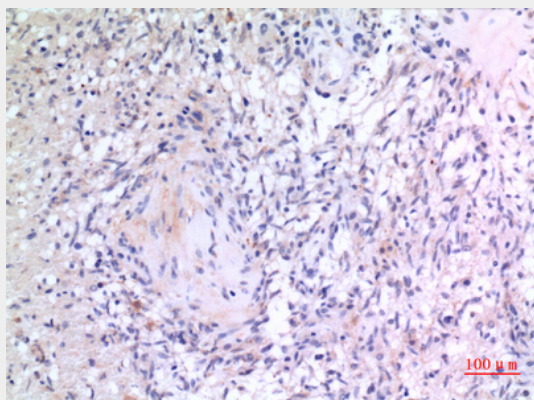
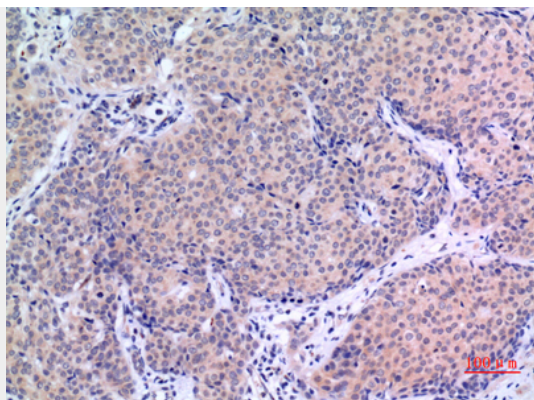
VGF Polyclonal Antibody - Protocols

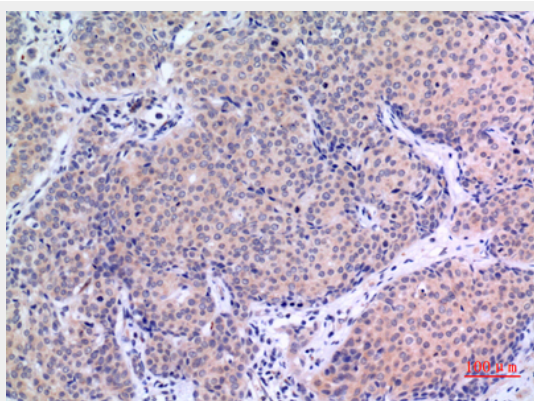
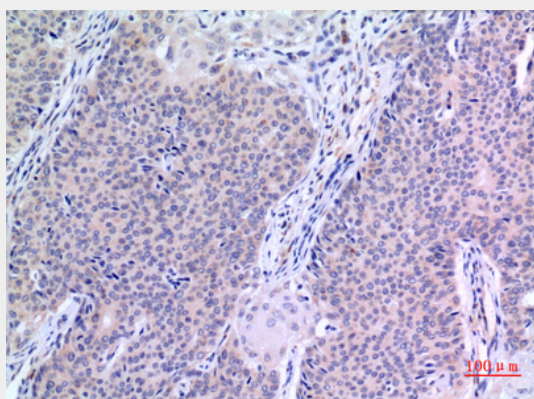
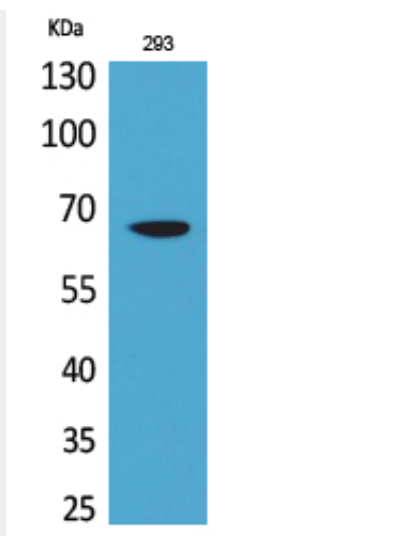
Provided below are standard protocols that you may find useful for product applications.

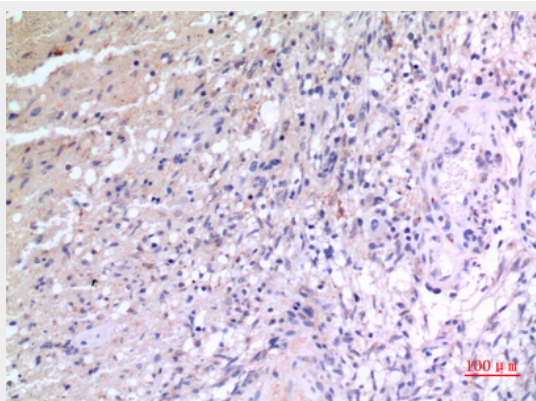
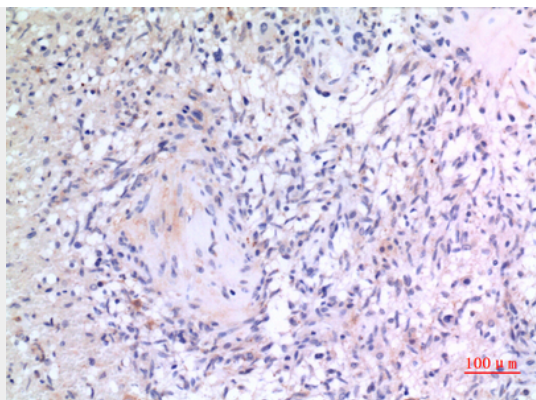
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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.