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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	67kDa

Antigen Information

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

Background

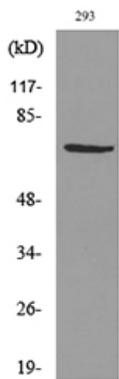
This gene is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. The

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.,

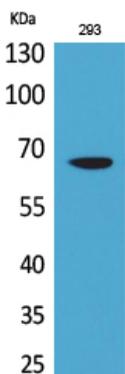
Research Area

Signal Transduction; Growth Factors/Hormones; Hormones; Neuroscience; Endocrine system; Gonadotrophic axis; Neurology process; Neuroendocrinology; General neuroendocrinology

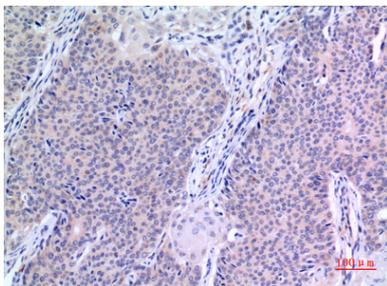
Image Data



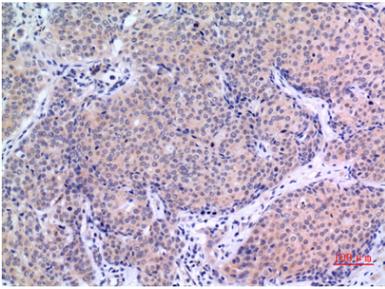
Western blot analysis of lysate from 293 cells, using VGF Antibody.



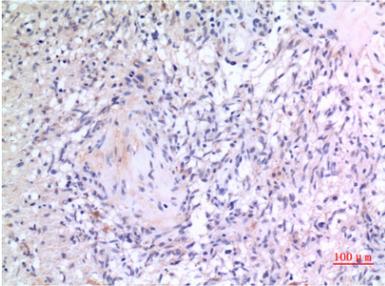
Western Blot analysis of 293 cells using VGF Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



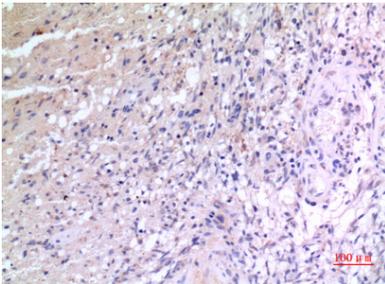
Immunohistochemical analysis of paraffin-embedded human-mammary-cancer, antibody was diluted at 1:100



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



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