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Product datasheet for AP22596PU-N

VGF (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**Immunohistochemistry on Paraffin Sections:** 5 µg/ml. **Western Blot:** 0.5 - 1 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	17 amino acid peptide near the carboxy terminus of the human VGF
Specificity:	This antibody detects Human VGF (C-term). The immunogen is after amino acid 577 of O15240, so the antibody should only cross-react with full-length VGF and none of the processed peptides.
Formulation:	PBS, 0.02% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	VGF nerve growth factor inducible
Database Link:	Entrez Gene 29461 RatEntrez Gene 381677 MouseEntrez Gene 7425 Human O15240

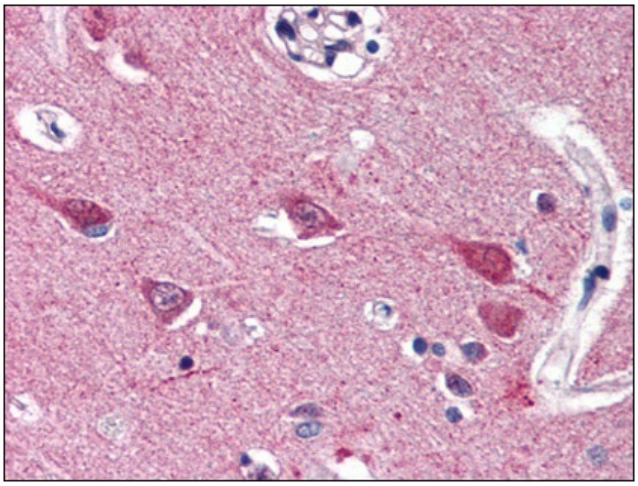
View online »

Background: VGF encodes a 70-kD polypeptide that shares similarities with the secretogranin/ chromogranin family and is found in the secretory granules of subsets of neurons and endocrine cells. Expression of VGF is both developmentally regulated and in regulated in different brain regions in response to different stimuli. VGF has been shown to play a role in energy homeostasis. Expression of VGF in the hypothalamus of rats and mice is induced by exercise and in response to fasting.

Synonyms: Neurosecretory protein VGF

Protein Families: Secreted Protein

Product images:



Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with VGF antibody at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.