

VGF antibody - middle region (ARP42127_P050)

Data Sheet

Product Number	ARP42127_P050
Product Name	VGF antibody - middle region (ARP42127_P050)
Size	50ug
Gene Symbol	VGF
Alias Symbols	-
Nucleotide Accession#	NM_003378
Protein Size (# AA)	615 amino acids
Molecular Weight	65kDa
Product Format	Lyophilized powder
NCBI Gene Id	7425
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	VGF nerve growth factor inducible
Description	This is a rabbit polyclonal antibody against VGF. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: ARQNALLFAEEEDGEAGAEDKRSQEETPGHRRKEAEGTEEGGEEEDDEEM
Target Reference	Wedenoja,J., (er) Mol. Psychiatry (2007) In press
Description of Target	VGF is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. It also shares similarities with the secretogranin/chromogranin family, however, its exact function is not known. 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.
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-VGF antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-VGF antibody is Catalog # AAP42127 (Previous Catalog # AAPS11612)
Immunogen	The immunogen for anti-VGF antibody: synthetic peptide directed towards the middle region of human VGF
Swissprot Id	O15240
Protein Name	Neurosecretory protein VGF
Protein Accession #	NP_003369
Purification	Affinity Purified
Species Reactivity	Dog, Rat, Guinea pig, Human, Mouse, Bovine
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Bovine: 93%

Transfected 293T



Image 1



WB Suggested Anti-VGF Antibody Titration: 0.2-1
ug/ml
ELISA Titer: 1:62500
Positive Control: Transfected 293T

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.