

# Datasheet for ABIN2777158 anti-VGF antibody (Middle Region)





# Overview

Quantity:	100 μL
Target:	VGF
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Horse, Pig, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VGF antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human VGF
Sequence:	VRSPQPPPPA PAPARDELPD WNEVLPPWDR EEDEVYPPGP YHPFPNYIRP
Predicted Reactivity:	Dog: 91%, Horse: 85%, Human: 100%, Mouse: 86%, Pig: 85%, Rat: 91%, Yeast: 92%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against VGF. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	VGF

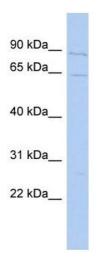
## Target Details

Alternative Name:	VGF (VGF Products)
Background:	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.
	Alias Symbols: -
	Protein Interaction Partner: SUZ12, RNF2, PARK2,
	Protein Size: 615
Molecular Weight:	65 kDa
Gene ID:	7425
NCBI Accession:	NM_003378, NP_003369
UniProt:	015240
Pathways:	Hormone Transport, Carbohydrate Homeostasis
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 615 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

### Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-VGF Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate