

Datasheet for ABIN2773798  
**anti-VGF antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	VGF
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig
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:	ARQNALLFAE EEDGEAGAED KRSQEETPGH RRKEAEGTEE GGEEEDDEEM
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%
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
Alternative Name:	VGF ( <a href="#">VGF Products</a> )

## Target Details

Background:	<p>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.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: SUZ12, RNF2, PARK2,</p> <p>Protein Size: 615</p>
Molecular Weight:	65 kDa
Gene ID:	7425
NCBI Accession:	<a href="#">NM_003378</a> , <a href="#">NP_003369</a>
UniProt:	<a href="#">O15240</a>
Pathways:	<a href="#">Hormone Transport</a> , <a href="#">Carbohydrate Homeostasis</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 615 AA
Restrictions:	For Research Use only

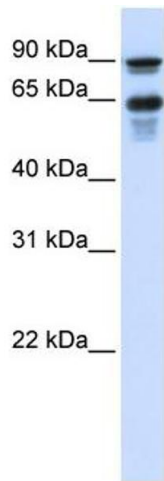
## Handling

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 Advice:	Avoid repeated freeze-thaw cycles.

Handling

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: Transfected 293T