

Datasheet for ABIN2777158
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, 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
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Target Details

Alternative Name:	VGF (VGF Products)
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:	NM_003378 , NP_003369
UniProt:	O15240
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