

## VGF Antibody

Catalog No: #43180

Package Size: #43180-1 50ul #43180-2 100ul

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## Description

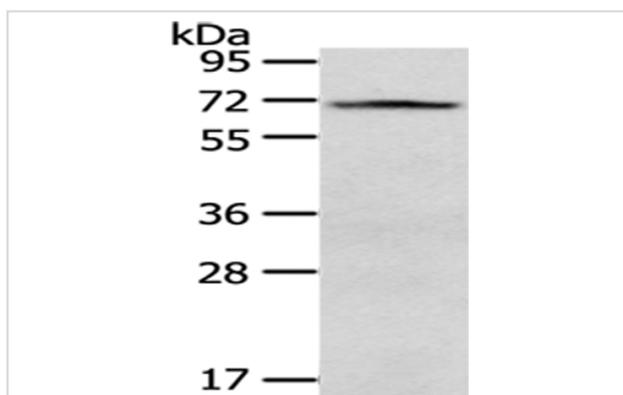
Product Name	VGF Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total VGF protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human VGF
Target Name	VGF
Other Names	neuro-endocrine specific protein VGF; Neurosecretory protein VGF; VGF; VGF nerve growth factor inducible
Accession No.	Swiss-Prot#: O15240 Gene ID: 7425
Calculated MW	67kd
Concentration	3.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

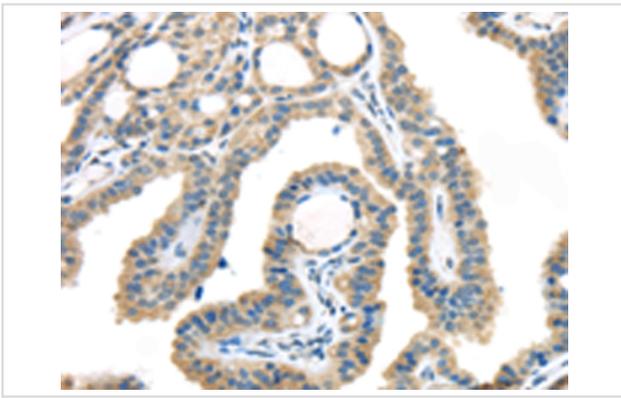
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:30-1:150

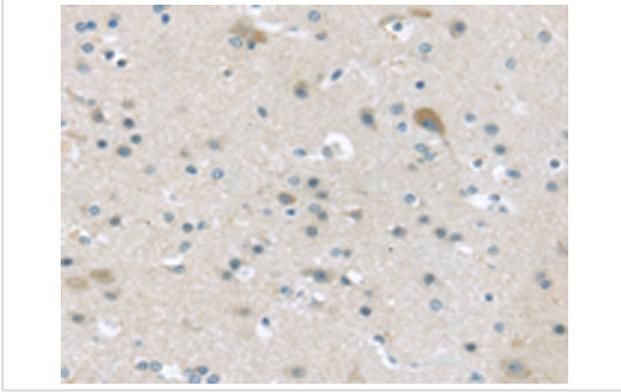
## Images



Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane: Raw264.7 cells  
 Primary antibody: 1/500 dilution  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #43180 at dilution 1/45.



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #43180 at dilution 1/45.

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.