

Description

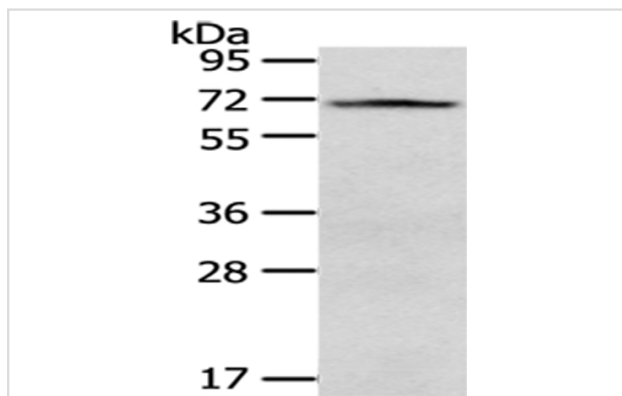
Product Name	VGF Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total VGF protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human 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
Uniprot	O15240
GeneID	7425;
Calculated MW	67kd
Concentration	3.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

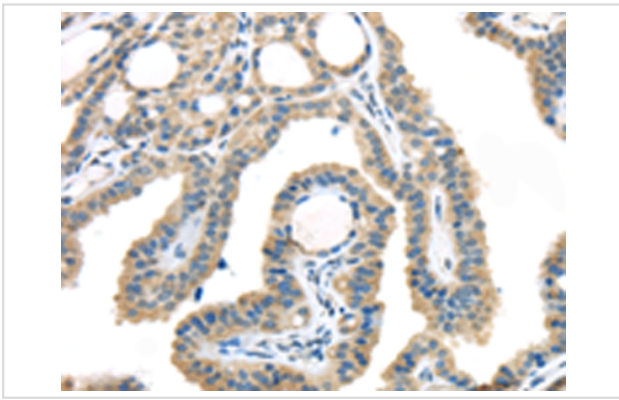
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:30-1:150

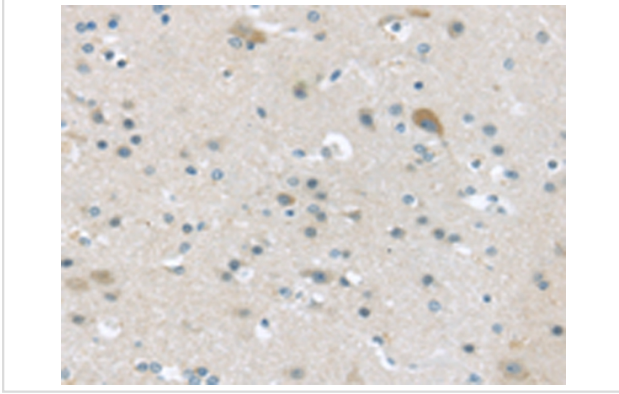
Images



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