

Product datasheet for **TA351912**

VGF Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Raw264.7 cells IHC: 30-150 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human VGF
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	VGF nerve growth factor inducible
Database Link:	NP_003369 Entrez Gene 29461 Rat Entrez Gene 381677 Mouse Entrez Gene 7425 Human O15240

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.

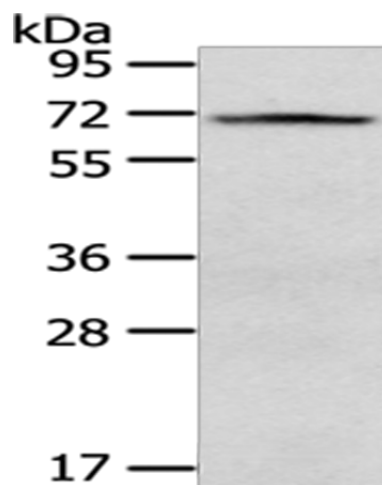


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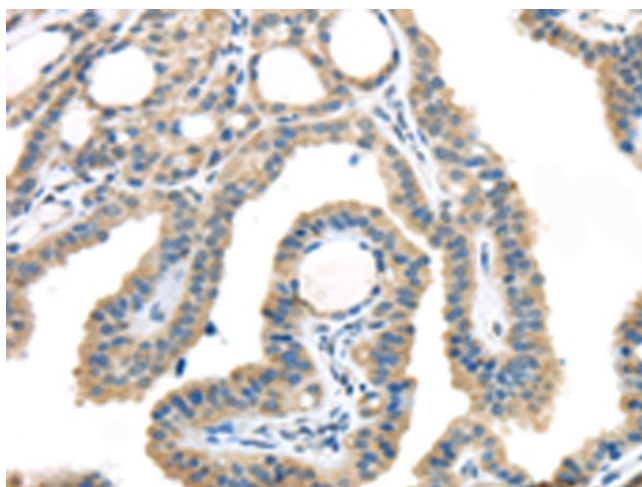
Synonyms: SCG7; SgVII

Protein Families: Secreted Protein

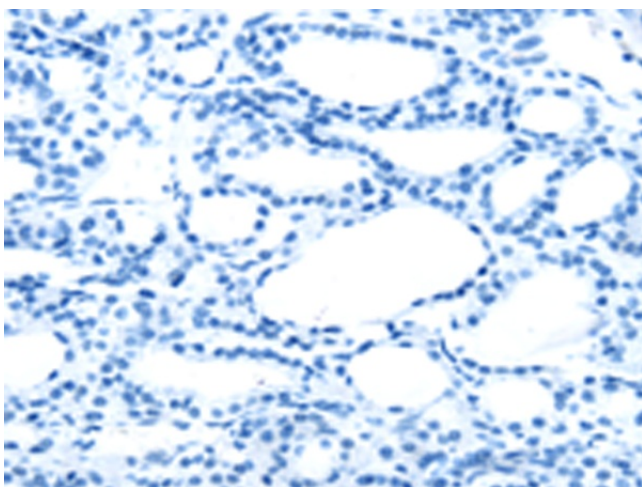
Product images:



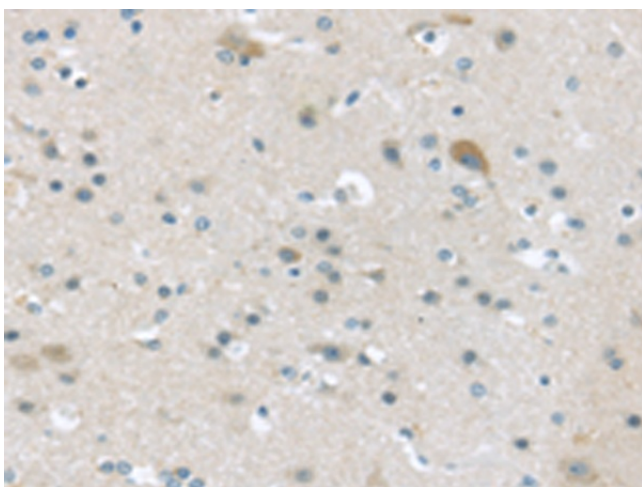
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Raw264.7 cells
Primary antibody: TA351912 (VGF Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



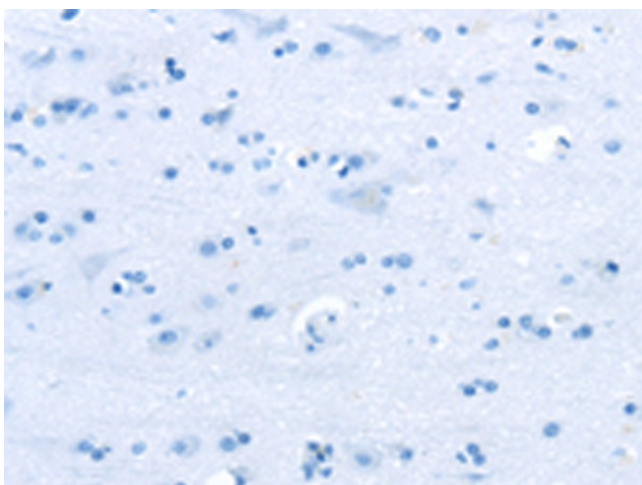
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351912 (VGF Antibody) at dilution 1/45 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351912 (VGF Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351912 (VGF Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351912 (VGF Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: ×200)