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Datasheet for ABIN6284063
anti-VGF antibody (Internal Region)

Overview

Quantity:	50 µL
Target:	VGF
Binding Specificity:	AA 441-490, Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VGF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	VGF is a protein encoded by the VGF gene which is approximately 67,2 kDa. VGF is secreted and is involved in growth factor activity and neuropeptide hormone activity. VGF is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. It may be involved in the regulation of cell-cell interactions or in synaptogenesis during the maturation of the nervous system. VGF is expressed in the central and peripheral nervous systems, it is synthesized exclusively in neuronal and neuroendocrine cells. Mutations in the VGF gene may result in pulmonary large cell Neuroendocrine Carcinoma and Pheochromocytoma. STJ96661 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of VGF protein.
Immunogen:	Synthesized peptide derived from human VGF.
Isotype:	IgG

Product Details

Specificity:	VGF Polyclonal Antibody detects endogenous levels of VGF protein.
Characteristics:	Rabbit polyclonal to VGF.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	VGF
Alternative Name:	VGF (VGF Products)
Molecular Weight:	67 kDa
Gene ID:	7425
UniProt:	O15240
Pathways:	Hormone Transport , Carbohydrate Homeostasis

Application Details

Application Notes:	WB 1:500-1:2000 IHC-P 1:100-1:300 ELISA 1:20000
Comment:	Central and peripheral nervous systems, synthesized exclusively in neuronal and neuroendocrine cells.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.