



# VGF Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-12857
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	VGF
<b>Protein Name</b>	Neurosecretory protein VGF
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human VGF. AA range:451-500
<b>Specificity</b>	VGF Monoclonal Antibody detects endogenous levels of VGF protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	VGF; Neurosecretory protein VGF
<b>Observed Band</b>	67kD
<b>Cell Pathway</b>	[Neurosecretory protein VGF]: Secreted . Cytoplasmic vesicle, secretory vesicle . Stored in secretory vesicles and then secreted, NERP peptides colocalize with vasopressin in the storage granules of hypothalamus.
<b>Tissue Specificity</b>	Central and peripheral nervous systems, synthesized exclusively in neuronal and neuroendocrine cells.
<b>Function</b>	function:May be involved in the regulation of cell-cell interactions or in synatogenesis during the maturation of the nervous system.,subcellular location:Stored in secretory vesicles and then secreted.,tissue specificity:Expressed in brain.,
<b>Background</b>	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. [provided by RefSeq, Jul 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using VGF Monoclonal Antibody