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Datasheet for ABIN1535107  
**anti-VGF antibody (AA 454-503)**

2 Images

### Overview

Quantity:	100 µL
Target:	VGF
Binding Specificity:	AA 454-503
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human VGF.
Isotype:	IgG
Specificity:	VGF Antibody detects endogenous levels of total VGF protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

### Target Details

Target:	VGF
Alternative Name:	VGF ( <a href="#">VGF Products</a> )
Background:	Synonyms: neuro-endocrine specific VGF, neurosecretory protein VGF, VGF nerve growth factor

## Target Details

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inducible  
NCBI Gene Symbol: VGF

Molecular Weight: 67 kDa

Gene ID: 7425

OMIM: 602186

UniProt: [O15240](#)

Pathways: [Hormone Transport, Carbohydrate Homeostasis](#)

## Application Details

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Application Notes: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000

Comment: Unigene-Number: Hs.587325 (NCBI Gene Symbol: VGF)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

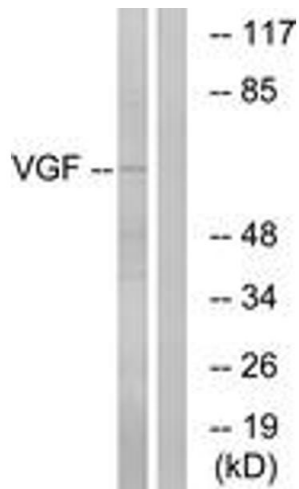
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

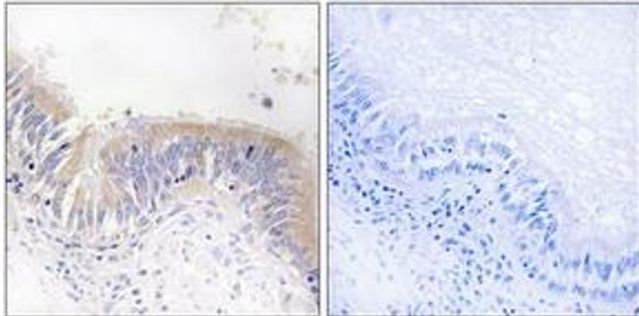
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



### Western Blotting

**Image 1.** Western blot analysis of extracts from RAW264.7 cells, using VGF Antibody. The lane on the right is treated with the synthesized peptide.



### Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using VGF Antibody. The picture on the right is treated with the synthesized peptide.