

Product datasheet

Anti-VGF antibody ab69989

★★★★★ [3 Abreviews](#) [9 References](#) [2 Images](#)

Overview

Product name	Anti-VGF antibody
Description	Rabbit polyclonal to VGF
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	17 amino acid peptide near the carboxy terminus of the human VGF (GenBank accession no. NP_003369).
Positive control	WB: Human brain tissue lysate. IHC-P: Human brain tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab69989 in the following tested applications.

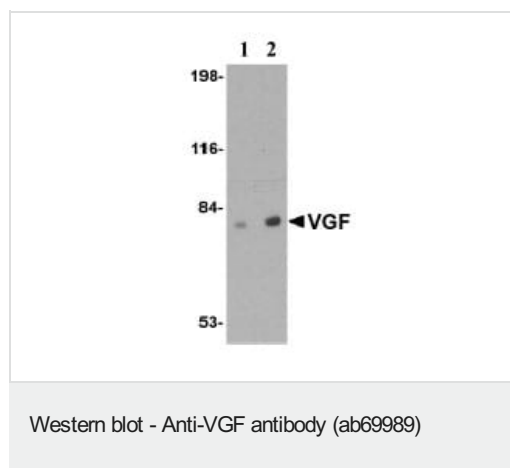
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	Use a concentration of 5 µg/ml.
WB	★★★★★ (2)	Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 67 kDa (predicted molecular weight: 67 kDa).

Target

Function	May be involved in the regulation of cell-cell interactions or in synatogenesis during the maturation of the nervous system. NERP peptides are involved in the control of body fluid homeostasis by regulating vasopressin release.
Tissue specificity	Central and peripheral nervous systems, synthesized exclusively in neuronal and neuroendocrine cells.
Post-translational modifications	Multiple peptides are derived from VGF, with activities in synaptic plasticity, antidepressant, penile erection, autonomic activation, and increases in energy expenditure.
Cellular localization	Secreted. Cytoplasmic vesicle > secretory vesicle. Stored in secretory vesicles and then secreted, NERP peptides colocalize with vasopressin in the storage granules of hypothalamus.

Images



Lane 1 : Anti-VGF antibody (ab69989) at 0.5 µg/ml

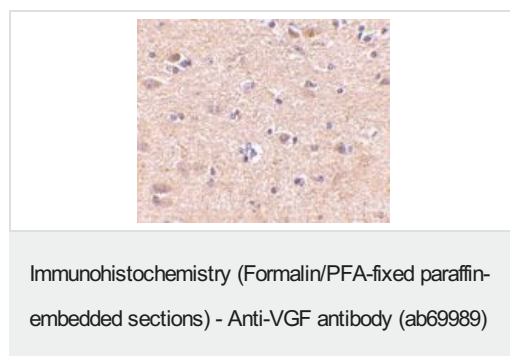
Lane 2 : Anti-VGF antibody (ab69989) at 1 µg/ml

All lanes : Human brain tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 67 kDa

Observed band size: 67 kDa



ab69989 at 5 µg/ml staining VGF in human brain tissue section by Immunohistochemistry (Formalin/ PFA fixed paraffin-embedded sections).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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