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Datasheet for ABIN5007433

anti-VGF antibody (AA 451-550) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	VGF
Binding Specificity:	AA 451-550
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VGF antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VGF/Nerve growth factor inducible
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	VGF
Alternative Name:	Nerve growth factor inducible (VGF Products)

Target Details

Background: Synonyms: Neurosecretory protein VGF, VGF
Background: 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. Antimicrobial peptide VGF[554-577]: Has bactericidal activity against *M. luteus*, and antifungal activity against *P. Pastoris*.

Gene ID: 7425

UniProt: [O15240](#)

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

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months