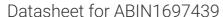
antibodies .- online.com







anti-NERP-2 antibody (AA 301-400) (Alexa Fluor 555)



\sim			
	N/P	r\/I	i⊢₩

Quantity:	100 μL
Target:	NERP-2
Binding Specificity:	AA 301-400
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NERP-2 antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NERP2
Isotype:	IgG
Cross-Reactivity:	Zebrafish (Danio rerio)
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NERP-2
Alternative Name:	VGF/NERP2 (NERP-2 Products)

Target Details

Background:	Synonyms: NERP-2, Nerve growth factor inducible, Neuroendocrine regulatory peptide-2,
	Neurosecretory protein VGF, VGF, VGF_HUMAN.
	Background: 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. Nerve growth
	factor (NGF) is a peptide that plays a key role in the differentiation and survival of neurons in the
	peripheral nervous system (PNS) and the central nervous system (CNS). VGF is a peptide
	synthesized and secreted by neurons and is upregulated by NGF in the PC12 cell line. VGF is
	widely expressed in both the PNS and CNS, but is especially abundant in the adult
	hypothalamus. VGF plays an essential role in how the brain regulates energy expenditure and
	body weight. Its expression is rapidly induced by injury, the circadian clock, and neuronal
	activity.
Gene ID:	7425
UniProt:	015240
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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months