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Datasheet for ABIN5004010

anti-GPRIN3 antibody (AA 601-700) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	GPRIN3
Binding Specificity:	AA 601-700
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPRIN3 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 GPRIN3
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	GPRIN3
Alternative Name:	GPRIN3 (GPRIN3 Products)

Target Details

Background:	<p>Synonyms: G protein-regulated inducer of neurite outgrowth 3, GPRIN family member 3, Gprin3, GRIN3, GRIN3_HUMAN.</p> <p>Background: May be involved in neurite outgrowth. G protein-coupled receptors (GPCRs) represent a large superfamily of cell-surface receptors that are involved in a multitude of physiological processes such as perception of sensory information, modulation of synaptic transmission, hormone release/action, regulation of cell contraction/migration and cell growth/differentiation. GPCRs interact with G proteins (heterotrimeric GTPases) to synthesize intracellular second messengers, such as diacylglycerol, cyclic AMP, inositol phosphates and calcium ions. Their diverse biological functions range from vision and olfaction to neuronal and endocrine signaling, and are involved in many pathological conditions. GRIN3 (G protein-regulated inducer of neurite outgrowth 3), also known as GPRIN3, is a 776 amino acid protein that contains a C-terminal region which shares a high homology with GRIN2 and GRIN1, and may function in neurite outgrowth.</p>
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Gene ID:	285513
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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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