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Datasheet for ABIN5000227

anti-Calsyntenin 2 antibody (AA 261-360) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	Calsyntenin 2 (CLSTN2)
Binding Specificity:	AA 261-360
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calsyntenin 2 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CLSTN2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Calsyntenin 2 (CLSTN2)
Alternative Name:	CLSTN2 (CLSTN2 Products)

Target Details

Background:	<p>Synonyms: Alc, Alcadein, Alcadein Gamma, Alcagamma, Alzheimer's disease related cadherin like protein, Calsyntenin 2, CLSTN 2, CS 2, CS2, FLJ39113, FLJ39499, MGC119560, CSTN2_HUMAN.</p> <p>Background: Members of the calsyntenin protein family are localized to the post-synaptic membrane of excitatory central nervous system (CNS) synapses. Calsyntenin-2, also known as Alcadein-gamma, is a 955 amino acid protein that localizes to the endoplasmic reticulum, golgi apparatus and plasma membranes. Containing 2 cadherin-like repeats in its N-terminal extracellular region, calsyntenin-2 binds synaptic calcium with its cytoplasmic domain, suggesting a role in the modulation of calcium-mediated postsynaptic signals. Under normal physiological conditions, calsyntenin-2 is proteolytically processed in an event in which the primary zeta-cleavage generates a short C-terminal transmembrane fragment and a long extracellular N-terminal domain.</p>
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Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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