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Datasheet for ABIN5010779

anti-SNAP29 antibody (AA 181-258) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	SNAP29
Binding Specificity:	AA 181-258
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNAP29 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 SNAP29
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SNAP29
Alternative Name:	SNAP29 (SNAP29 Products)

Target Details

Background: Synonyms: SNAP 29, SNAP-29, SNAP29, SNP29_HUMAN, Soluble 29 kDa NSF attachment protein, Synaptosomal associated protein 29, Synaptosomal associated protein 29 kDa, Synaptosomal-associated protein 29, Vesicle membrane fusion protein SNAP 29, Vesicle membrane fusion protein SNAP29, Vesicle-membrane fusion protein SNAP-29, CEDNIK, FLJ21051.

Background: SNAP 29 is a 258 amino acid protein that localizes to the membrane and the cytoplasm, as well as to the cell junction, and contains one t-SNARE coiled-coil homology domain. Expressed in liver, heart, brain, kidney, placenta, lung, spleen, pancreas and skeletal muscle, SNAP 29 binds tightly to Syntaxins and, via this binding, is involved in membrane trafficking events. Defects in the gene encoding SNAP 29 are the cause of CEDNIK syndrome, a neurocutaneous syndrome that is associated with cerebral dysgenesis, neuropathy, ichthyosis and palmoplantar keratoderma. The gene encoding SNAP 29 maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia.

Gene ID: 9342

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