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Datasheet for ABIN5000623

anti-CSNK1A1L antibody (AA 201-300) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	CSNK1A1L
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSNK1A1L 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 CSNK1A1L
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CSNK1A1L
Alternative Name:	CSNK1A1L (CSNK1A1L Products)
Background:	Synonyms: Casein kinase 1, alpha 1 like, casein kinase 1, alpha 1-like, Casein kinase I alpha S

Target Details

like, Casein kinase I isoform alpha like, CK1, CKI alpha like, MGC33182, OTTHUMP00000018267, RP11 532021.2, KC1AL_HUMAN.

Background: Casein kinase I (also designated CKI) and casein kinase II (CKII) compose a family of serine/threonine protein kinases which are present in all eukaryotes examined to date.

Casein kinase I family members, which include casein kinase I Alpha, I Gamma, I Delta and I Epsilon, have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair, membrane trafficking, circadian rhythm, cell cycle progression, chromosome segregation, apoptosis and cellular differentiation. Casein kinase I isoform alpha-like (CSNK1A1L) is a 337 amino acid protein that shares a high degree of sequence similarity with the alpha isoform of casein kinase 1. CSNK1A1L resides in the cytoplasm and participates in the Wnt signaling pathway. By utilizing ATP within its protein kinase domain, CSNK1A1L phosphorylates a large number of proteins.

Gene ID: 122011

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