

Product Name: KD-Validated CSNK1A1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00400

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:100-1:1,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 38.9kDa

Antigen Information

Gene Name	CSNK1A1
Alternative Names	CSNK1A1; Casein Kinase 1 Alpha 1; CK1; CK1a; CKIa; Casein Kinase I Isoform Alpha; Clock Regulator Kinase; EC 2.7.11.1; CKI-Alpha; CK1alpha; CKIalpha; Epididymis Secretory Sperm Binding Protein Li 77p; Down-Regulated In Lung Cancer; Casein Kinase 1, Alpha; HEL-S-77p; HLCDGP1; PRO2975
Gene ID	1452.0
SwissProt ID	P48729
Immunogen	A synthesized peptide derived from human Casein Kinase 1 alpha

Background

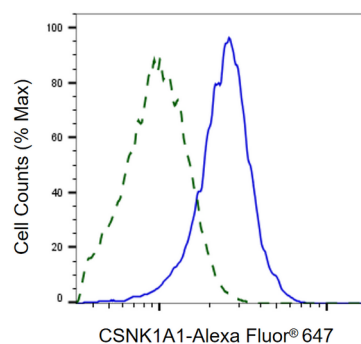
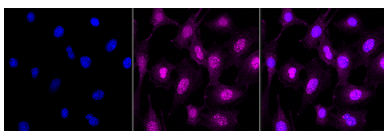
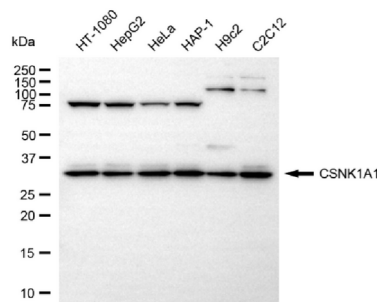
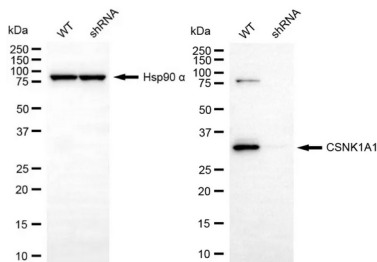
Enables protein serine/threonine kinase activity. Involved in several processes, including intermediate filament cytoskeleton

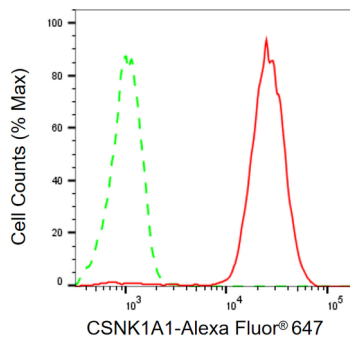
organization; positive regulation of proteasomal ubiquitin-dependent protein catabolic process; and regulation of signal transduction. Located in cytoskeleton and nucleus. Part of beta-catenin destruction complex. Biomarker of Alzheimer's disease and inclusion body myositis. [provided by Alliance of Genome Resources, Jul 2025]

Research Area

Signal Transduction, Stem Cells

Image Data





Flow cytometric analysis of CSNK1A1 expression in C2C12 cells using CSNK1A1 antibody (KVA00400, 1:2,000). Green, isotype control; red, CSNK1A1.