

Rabbit anti-Human Casein Kinase 2 alpha (CSNK2A1) Monoclonal Antibody | anti-CSNK2A1 antibody

[KD Validated] Casein Kinase 2 alpha (CSNK2A1) Rabbit mAb

CATALOG # AAA282787	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

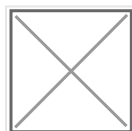
PRODUCT SYNONYMS

Casein Kinase 2 alpha (CSNK2A1); Monoclonal Antibody; [KD Validated] Casein Kinase 2 alpha (CSNK2A1) Rabbit mAb; CKII; Cka1; Cka2; CK2A1; OCNDS; [KD Validated] Casein Kinase 2 alpha (CSNK2A1); anti-CSNK2A1 antibody

PRODUCT SPECIFICATIONS

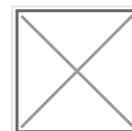
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MSGPVPSPRAR VYTDVNTHRP REYWDYESHV VEWGNQDDYQ LVRKLGRGKY SEVFEAINIT NNEKVVVKIL KPVKKKKIKR EIKILENLRG GPNIITLADI
Applicable Applications for anti-CSNK2A1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Casein Kinase 2 alpha (CSNK2A1)(P68400).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and Casein Kinase 2 alpha (CSNK2A1) knockdown (KD) 293T cells, using [KD Validated] Casein Kinase 2 alpha (CSNK2A1) Rabbit mAb (AAA282787) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates, using [KD Validated] Casein Kinase 2 alpha (CSNK2A1) Rabbit mAb (AAA282787) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK2A1 antibody	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythm. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. Multiple transcript variants encoding different protein isoforms have been found for this gene.
Product Categories/Family for anti-CSNK2A1 antibody	Epigenetics Nuclear Signaling ; Epigenetic writers and erasers of core Histones ; Signal Transduction ; Kinase ; Serine threonine kinases ; Cell Biology Developmental Biology ; Apoptosis ; Cell Cycle ; Cell Adhesion ; Immunology Inflammation ; NF-kB Signaling Pathw

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503095
NCBI GeneID	1457
NCBI Accession #	NP_001886.1
NCBI GenBank Nucleotide #	NM_001895.3
UniProt Accession #	P68400 ; P19138 ; P20426 ; Q14013 ; Q5U065 ; B4DYS6 ; D3DVV8 ; Q8NEV1
Molecular Weight	Calculated MW: 45kDa Observed MW: 42kDa
UniProt Protein Name	Casein kinase II subunit alpha
UniProt Gene Name	CSNK2A1
UniProt Synonym Gene Names	CK2A1; CK II alpha
UniProt Entry Name	CSK21_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/casein-kinase-2-alpha-csnk2a1-antibody-western-blot-elisa/282787>