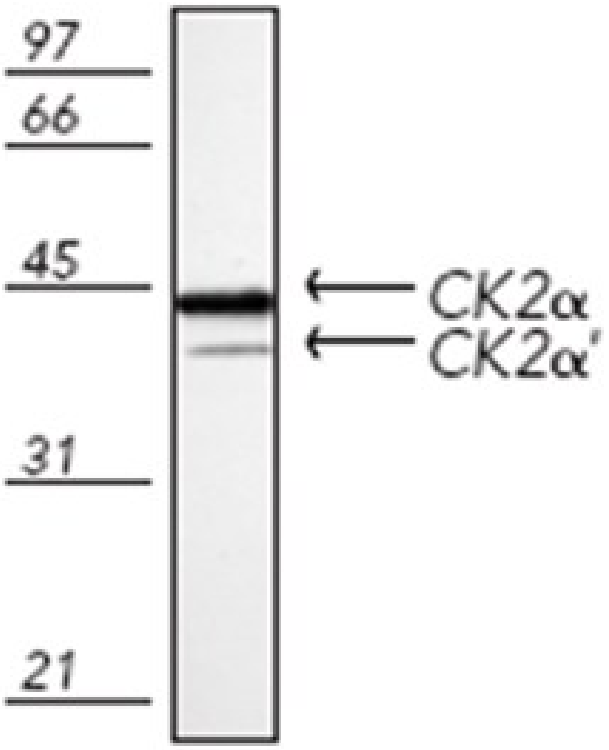
Casein Kinase 2 α polyclonal antibody

The casein kinases are serine/threonine protein kinases involved in the regulation of multiple cell signaling pathways. There are at least seven identified mammalian isoforms in the casein kinase I (CKI) family, which are monomeric and function in cell growth and the replication and repair of DNA. Casein kinase II (CK2) is a ubiquitous tetrameric holoenzyme comprised of two catalytic alpha subunits and two regulatory beta subunits. CK2 enzymes are known to regulate metabolic signal transduction, transcription, and translation.

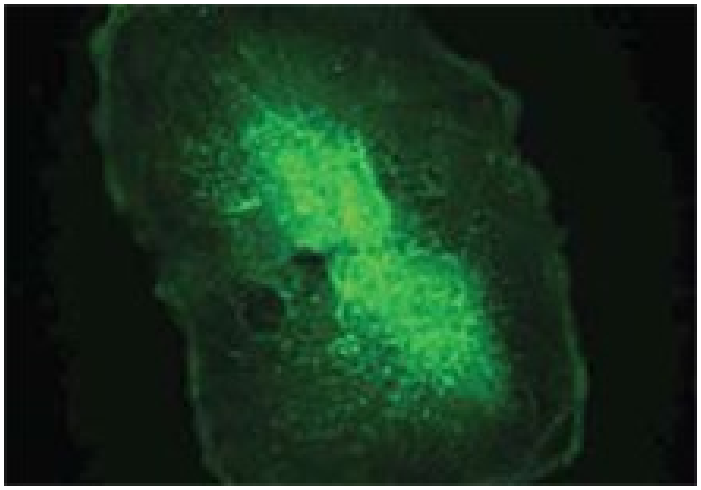
This antibody is covered by our Worry-Free Guarantee.

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Manuals, SDS & CofA View Online »



Western blot analysis of mouse spleen tissue extract, probed with Casein Kinase 2 alpha polyclonal antibody (Prod. No. ADI-KAP-ST010).



Proliferating human Caco-2 cells stained with Casein Kinase 2 alpha polyclonal antibody (Prod. No. ADI-KAP-ST010).

Handling & Storage

Long Term Storage -20°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	CSNK, CK
Application	IF, IHC, WB
Application Notes	Detects band of ~41kDa and ~45kDa by Western blot. An additional band with an apparent molecular mass of ~38 kDa is detected in brain and heart tissue extracts.
Formulation	Liquid. In borate buffered saline, pH 8.2, containing 25mM sodium borate, 100mM boric acid, 75mM sodium chloride, and 5mM EDTA (disodium salt).
GenBank ID	X70251 (CK2 alpha), M55268 (CK2 alpha')
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human CK2α (casein kinase 2α). The sequence is completely conserved in mouse, rat, rabbit, chicken, Xenopus, zebra fish, Drosophila and C. elegans.
Purity Detail	Immunoaffinity purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (1.7-8.5µg/ml)Western Blot (4µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Chinook salmon, Drosophila, Guinea pig, Human, Monkey, Mouse, Rabbit, Rat, Sheep
UniProt ID	P68400 (CK2 alpha), P19784 (CK2 alpha')

Worry-free Guarantee

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