

# CSK Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide corresponding to the C terminus amino acids EQLEHIKTHELHL.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2084018

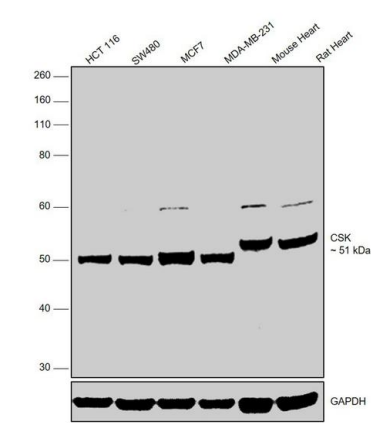
Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.3 µg/mL	-
Immunocytochemistry (ICC/IF)	1:100	-

## Product Specific Information

This antibody is predicted to react with bovine and canine based on sequence homology.

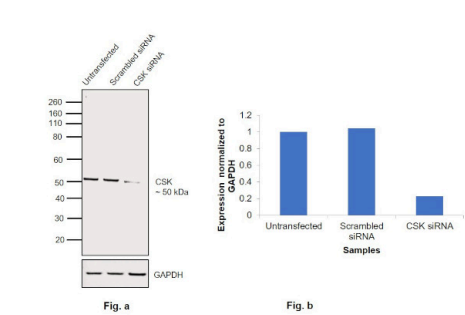
This antibody is tested in Peptide ELISA: antibody detection limit dilution 32,000.

Product Images For CSK Polyclonal Antibody



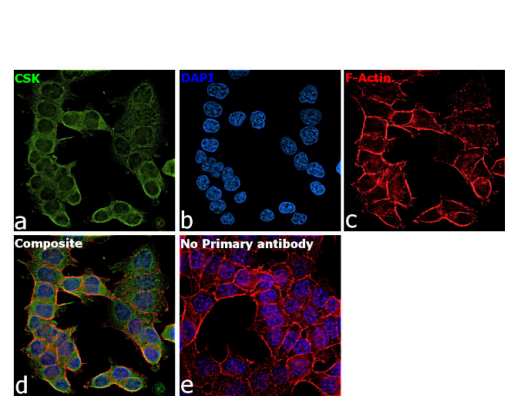
CSK Antibody (PA1-9034) in WB

Western blot was performed using Anti-CSK Polyclonal Antibody (Product # PA1-9034) and a 51 kDa band corresponding to CSK was observed across all the cell lines and tissues tested. Whole cell extracts (30 µg lysate) of HCT 116 (Lane 1), SW480 (Lane 2), MCF7 (Lane 3), MDA-MB-231 (Lane 4) and tissue extracts of Mouse Heart (Lane 5) and Rat Heart (Lane 6) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Rabbit anti-Goat IgG Heavy Chain Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27014, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



CSK Antibody (PA1-9034)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. SH-SY5Y cells were transfected with CSK siRNA and reduction of signal was observed in Western Blot using CSK Goat Polyclonal Antibody (Product # PA1-9034). {KD}



CSK Antibody (PA1-9034) in ICC/IF

Immunofluorescence analysis of CSK was performed using 70% confluent log phase HCT 116 cells. The cells were fixed with 4% Paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 10 minutes at room temperature. The cells were labeled with CSK Polyclonal Antibody (Product # PA1-9034) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Goat IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32814) at 1:2000 dilution for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Cytoplasmic staining of CSK in HCT 116. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

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