

KD-Validated Anti-Non-SMC Condensin I Complex Subunit D2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

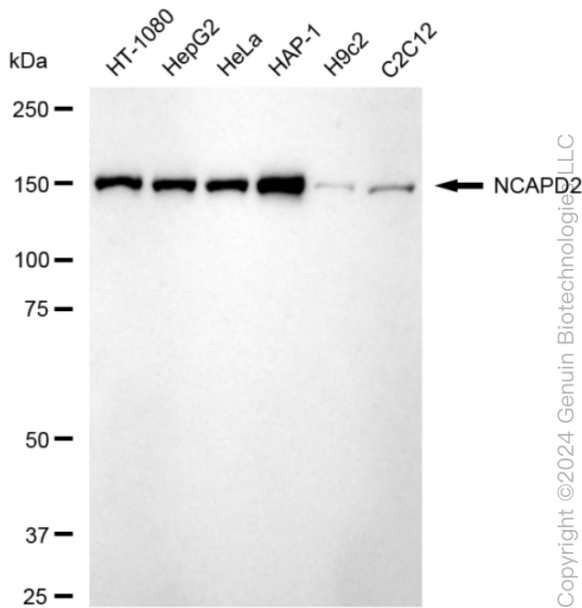
ABG1585

Product Overview

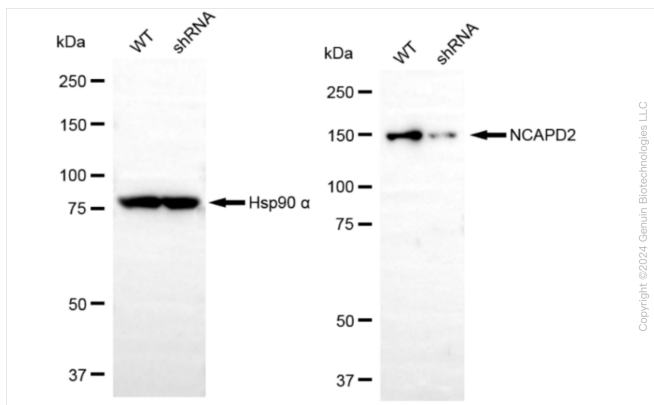
Name	KD-Validated Anti-Non-SMC Condensin I Complex Subunit D2 Rabbit Monoclonal Antibody
Accession(Primary)	Q15021
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CNAP1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 157 kDa , observed , 150 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q15021)

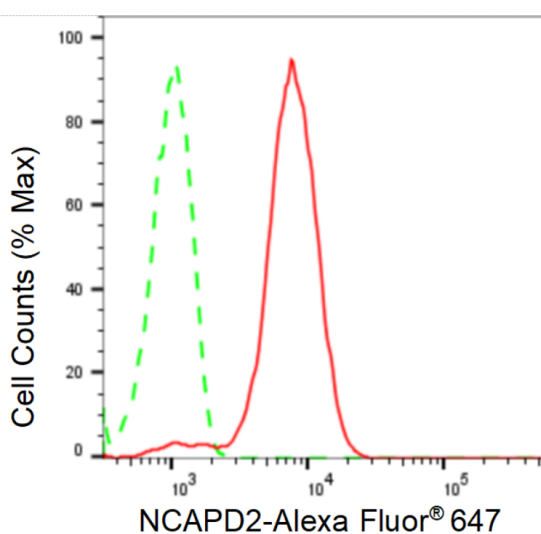
Gene Name	NCAPD2
About Gene Symbol	NCAPD2 (Non-SMC Condensin I Complex Subunit D2) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



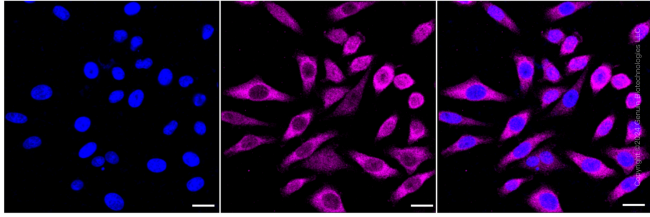
Western blotting analysis using anti-NCAPD2 antibody (Cat#ABG1585). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NCAPD2 antibody (Cat#ABG1585, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-NCAPD2 antibody (Cat#ABG1585). NCAPD2 expression in wild type (WT) and NCAPD2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-NCAPD2 antibody (Cat#ABG1585, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of NCAPD2 expression in HepG2 cells using NCAPD2 antibody (Cat#ABG1585, 1:2,000). Green, isotype control; red, NCAPD2.



Immunocytochemical staining of HepG2 cells with anti-NCAPD2 antibody (Cat#ABG1585, 1:1,000). Nuclei were stained blue with DAPI; NCAPD2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.