

# Anti-CDC37 Antibody

Rabbit polyclonal antibody to CDC37

Catalog # AP59807

## Product Information

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Application	WB, IP, IF/IC, IHC
Primary Accession	<a href="#">Q16543</a>
Other Accession	<a href="#">Q61081</a>
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44468

## Additional Information

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Gene ID	11140
Other Names	CDC37A; Hsp90 co-chaperone Cdc37; Hsp90 chaperone protein kinase-targeting subunit; p50Cdc37
Target/Specificity	Recognizes endogenous levels of CDC37 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100) IP~~N/A IF/IC~~N/A IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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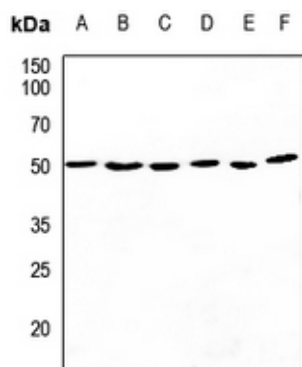
Name	CDC37
Synonyms	CDC37A
Function	Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity (PubMed: <a href="#">8666233</a> ). Inhibits HSP90AA1 ATPase activity (PubMed: <a href="#">23569206</a> ).
Cellular Location	Cytoplasm.

## Background

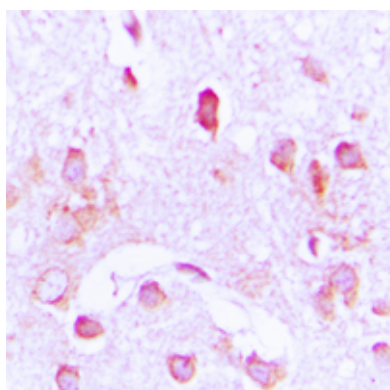
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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDC37. The exact sequence is proprietary.

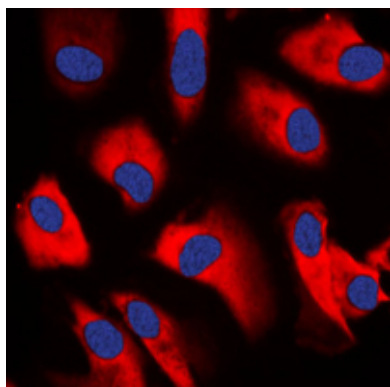
## Images



Western blot analysis of CDC37 expression in HEK293T (A), Hela (B), H446 (C), H1688 (D), mouse lung (E), rat lung (F) whole cell lysates.



Immunohistochemical analysis of CDC37 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of CDC37 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.