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CDC37 Rabbit mAb

Catalog # AP76434

Product Information

Application	WB, IHC-P
Primary Accession	Q16543
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	44468

Additional Information

Gene ID	11140
Other Names	CDC37
Dilution	WB~~1:2000-1:5000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

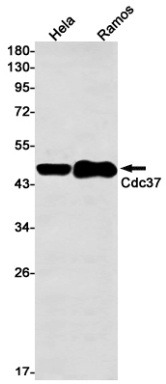
Name	CDC37
Synonyms	CDC37A
Function	Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity (PubMed:8666233). Inhibits HSP90AA1 ATPase activity (PubMed:23569206).
Cellular Location	Cytoplasm.

Background

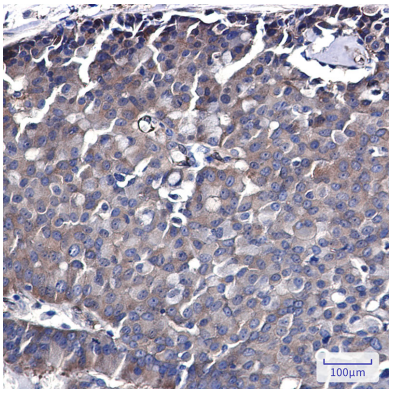
CDC37 is an important component of the HSP90 chaperone complex. It was initially identified for its involvement in cell-cycle progression and was later found to have a much broader role as a chaperone for a

wide variety of kinases and other proteins. CDC37 protein has an amino-terminal kinase binding domain followed by a central HSP90 binding domain.

Images



Western blot analysis of Cdc37 in Hela, Ramos lysates using CDC37 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Cdc37 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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