



Rabbit Anti-phospho-CDC37 (Ser13) antibody

SL2815R

Product Name:	phospho-CDC37 (Ser13)
Chinese Name:	磷酸化Cell differentiation周期蛋白37抗体
Alias:	Cdc37 (phospho S13); Cdc37 (phospho Ser13); p-Cdc37 (phospho S13); CDC 37; Cdc37; CDC37 cell division cycle 37 homolog; CDC37 cell division cycle 37 S cerevisiae homolog; CDC37 cell division cycle 37, S cerevisiae, homolog of; Cdc37 homolog; CDC37 protein; CDC37_HUMAN; CDC37A; cell division cycle 37; Cell division cycle 37 homolog; Hsp90 chaperone protein kinase targeting subunit; Hsp90 chaperone protein kinase targeting subunit p50Cdc37; Hsp90 chaperone protein kinase-targeting subunit; Hsp90 co chaperone Cdc37; Hsp90 co-chaperone Cdc37; p50; p50Cdc37; S cerevisiae hypothetical protein CDC37.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	44kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human CDC37 around the phosphorylation site of Ser13:EV(p-S)DD
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of <i>Sacchomyces cerevisiae</i>. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases. [provided by RefSeq, Jul 2008]</p> <p>Function: Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity.</p> <p>Subcellular Location: Cytoplasm.</p> <p>Post-translational modifications: Constitutively sumoylated by UBE2I.</p> <p>Similarity: Belongs to the CDC37 family.</p> <p>SWISS: Q16543</p> <p>Gene ID: 11140</p> <p>Database links:</p> <p>Entrez Gene: 11140 Human</p> <p>Entrez Gene: 12539 Mouse</p> <p>Entrez Gene: 114562 Rat</p> <p>Omim: 605065 Human</p> <p>SwissProt: Q16543 Human</p> <p>SwissProt: Q61081 Mouse</p> <p>SwissProt: Q63692 Rat</p> <p>Unigene: 160958 Human</p> <p>Unigene: 32331 Mouse</p>

[Unigene: 17982](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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