Best Tools for immunology Research

# Cdc37 (phospho Ser13) Polyclonal Antibody

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| **Catalog No :** | YP0751 |
| **Reactivity :** | Human;Mouse;Rat |
| **Applications :** | WB;IHC;IF;ELISA |
| **Target :** | Cdc37 |
| **Fields :** | >>PI3K-Akt signaling pathway |
| **Gene Name :** | CDC37 |
| **Protein Name :** | Hsp90 co-chaperone Cdc37 |
| **Human Gene Id :** | 11140 |
| **Human Swiss Prot No :** | Q16543 |
| **Mouse Gene Id :** | 12539 |
| **Mouse Swiss Prot No :** | Q61081 |
| **Rat Gene Id :** | 114562 |
| **Rat Swiss Prot No :** | Q63692 |
| **Immunogen :** | The antiserum was produced against synthesized peptide derived from human CDC37 around the phosphorylation site of Ser13. AA range:1-50 |
| **Specificity :** | Phospho-Cdc37 (S13) Polyclonal Antibody detects endogenous levels of Cdc37 protein only when phosphorylated at S13. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200 |

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| **Purification :** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration :** | 1 mg/ml |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Observed Band :** | 44kD |
| **Cell Pathway :** | PI3K/Akt |
| **Background :** | The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of Sacchromyces cerevisiae. 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], |
| **Function :** | function:Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity.,PTM:Constitutively sumoylated by UBE2I.,similarity:Belongs to the CDC37 family.,subunit:Forms a complex with Hsp90. Interacts with AR, CDK4, CDK6, EIF2AK1 and RB1., |
| **Subcellular Location :** | Cytoplasm . |
| **Expression :** | Lymph,Placenta, |

## Products Images