

**Cdc37 rabbit pAb****Cat#: orb764806 (Manual)**

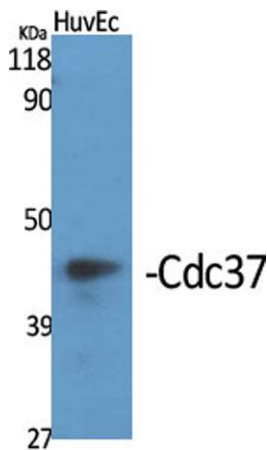
For research use only. Not intended for diagnostic use.

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | Cdc37 rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;IHC;IF;ELISA  |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat;Monkey   |
| <b>Recommended dilutions</b>    | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human CDC37. AA range:1-50   |
| <b>Specificity</b>              | Cdc37 Polyclonal Antibody detects endogenous levels of Cdc37 protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..   |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Hsp90 co-chaperone Cdc37   |
| <b>Gene Name</b>                | CDC37  |
| <b>Cellular localization</b>    | Cytoplasm .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |

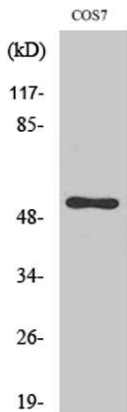
|                                |   |
|--------------------------------|---|
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Observed band</b>           | 44kD  |
| <b>Human Gene ID</b>           | 11140   |
| <b>Human Swiss-Prot Number</b> | Q16543  |
| <b>Alternative Names</b>       | CDC37; CDC37A; Hsp90 co-chaperone Cdc37; Hsp90 chaperone protein kinase-targeting subunit; p50Cdc37 |

## Background

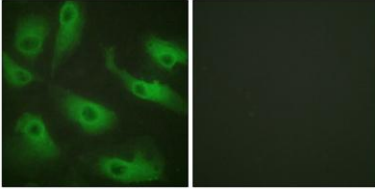
The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Sacchomyces cerevisiae*. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including 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],



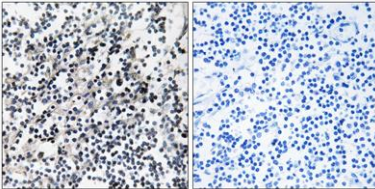
Western Blot analysis of various cells using Cdc37 Polyclonal Antibody



Western Blot analysis of MCF7 cells using Cdc37 Polyclonal Antibody



**Immunofluorescence analysis of HeLa cells, using CDC37 Antibody. The picture on the right is blocked with the synthesized peptide.**



**Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using CDC37 Antibody. The picture on the right is blocked with the synthesized peptide.**