

Anti-Cdc37 Picoband Antibody
Catalog # ABO12260**Specification**

Anti-Cdc37 Picoband Antibody - Product Information

Application	WB
Primary Accession	Q16543
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Hsp90 co-chaperone Cdc37(CDC37) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Cdc37 Picoband Antibody - Additional Information

Gene ID 11140

Other Names

Hsp90 co-chaperone Cdc37, Hsp90 chaperone protein kinase-targeting subunit, p50Cdc37, Hsp90 co-chaperone Cdc37, N-terminally processed, CDC37, CDC37A

Calculated MW

44468 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Cytoplasm .

Protein Name

Hsp90 co-chaperone Cdc37

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E.coli-derived human Cdc37 recombinant protein (Position: M216-V378). Human Cdc37 shares 95.7% and 95.1% amino acid (aa) sequence identity with mouse and rat Cdc37, respectively.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the CDC37 family.

Anti-Cdc37 Picoband Antibody - 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

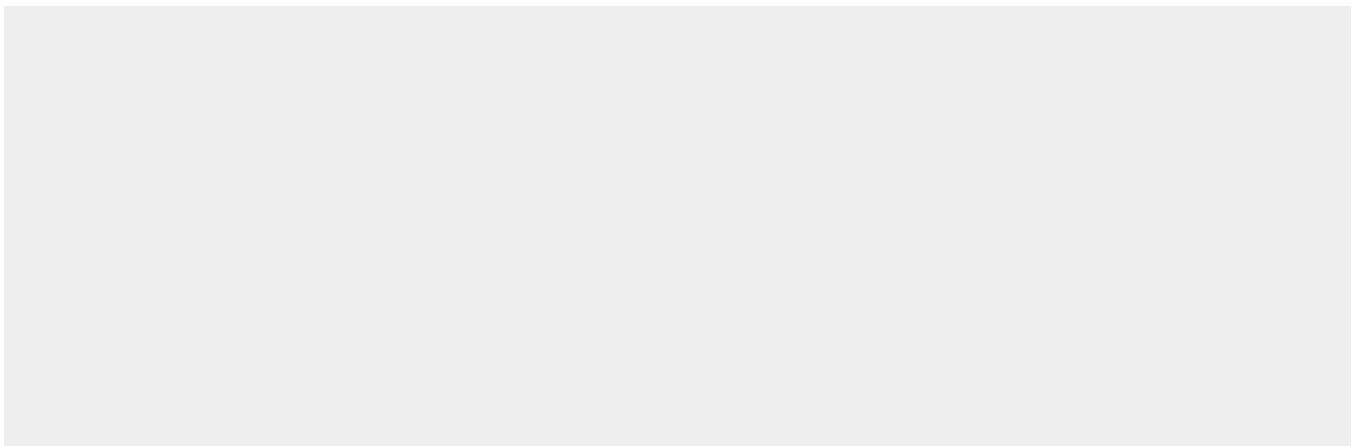
Cytoplasm.

Anti-Cdc37 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Cdc37 Picoband Antibody - Images





Anti- Cdc37 Picoband antibody, ABO12260, Western blotting All lanes: Anti Cdc37 (ABO12260) at 0.5ug/ml WB: 293T Whole Cell Lysate at 40ug Predicted bind size: 44KD Observed bind size: 44KD

Anti-Cdc37 Picoband Antibody - Background

Hsp90 co-chaperone Cdc37, also called P50CDC37, is a protein that in humans is encoded by the CDC37 gene. The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Sacchomyces cerevisiae*. This gene is mapped to 19p13.2. And 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.