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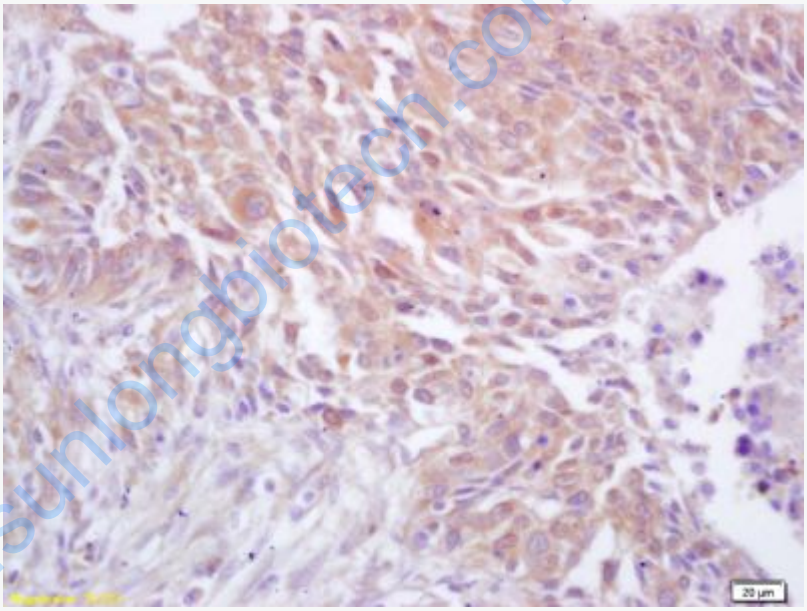
Rabbit Anti-CDC37 antibody

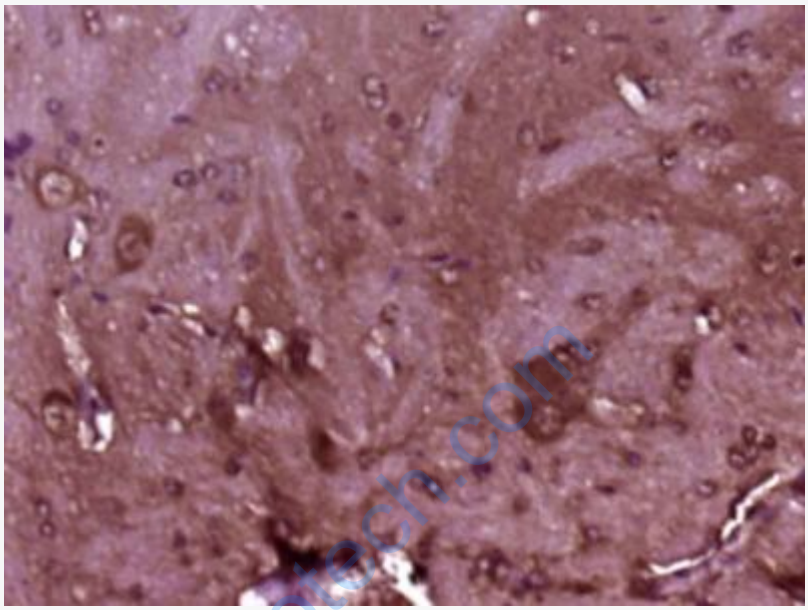
SL4290R

Product Name:	CDC37
Chinese Name:	Hsp90辅助伴侣分子CDC37抗体
Alias:	S cerevisiae hypothetical protein CDC37; CDC 37; CDC37 cell division cycle 37 homolog; CDC37 cell division cycle 37 S cerevisiae homolog; Cdc37 homolog; CDC37 protein; CDC37_HUMAN; CDC37A; 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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	42kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CDC37:291-378/378
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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:	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:** Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity. **Subunit:** Forms a complex with Hsp90/HSP90AB1 and CDK6. Interacts with AR, CDK4, CDK6, EIF2AK1 and RB1. **Subcellular Location:** Cytoplasm. **Post-translational modifications:** Constitutively sumoylated by UBE2I. **Similarity:** Belongs to the CDC37 family. **SWISS:** Q16543 **Gene ID:** 11140 **Database links:** Entrez Gene: 38232 Fruit fly (Drosophila melanogaster) Entrez Gene: 11140 Human Entrez Gene: 12539 Mouse Entrez Gene: 114562 Rat Omim: 605065 Human SwissProt: Q24276 Fruit fly (Drosophila melanogaster) SwissProt: Q16543 Human SwissProt: Q61081 Mouse SwissProt: Q63692 Rat

	Unigene: 4857 Fruit fly (Drosophila melanogaster) Unigene: 160958 Human Unigene: 32331 Mouse Unigene: 17982 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Tissue/cell: Human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-CDC37 Polyclonal Antibody, Unconjugated(SL4290R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and

DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CDC37) Polyclonal Antibody, Unconjugated (SL4290R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.