

Product datasheet

Anti-Cdc25B antibody ab125228

概述

产品名称	Anti-Cdc25B抗体
描述	兔多克隆抗体to Cdc25B
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Rat, Human
免疫原	A synthetic peptide, corresponding to a sequence at the C-terminal of Human Cdc25B.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 0.1% Dibasic monohydrogen sodium phosphate, 0.45% Sodium chloride, 2.5% BSA, 96% Water
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab125228** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 64 kDa. The detection limit is approximately 0.1ng/lane under non-reducing and reducing conditions.
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

靶标

功能	Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Directly dephosphorylates CDK1 and stimulates its kinase activity. The three isoforms seem to have a different level of activity.
序列相似性	Belongs to the MPI phosphatase family. Contains 1 rhodanese domain.
翻译后修饰	Phosphorylated by BRSK1 in vitro. Phosphorylated by CHEK1, which inhibits the activity of this protein. Phosphorylation at Ser-353 by AURKA might locally participate in the control of the onset of mitosis. Phosphorylation by MELK at Ser-169 promotes localization to the centrosome and the spindle poles during mitosis. Phosphorylation at Ser-323 and Ser-375 by MAPK14 is required for binding to 14-3-3 proteins.
细胞定位	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole.

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