

Product datasheet

Anti-ECT2 (phospho T790) antibody ab51494

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概述

产品名称	Anti-ECT2 (phospho T790)抗体
描述	兔多克隆抗体to ECT2 (phospho T790)
宿主	Rabbit
特异性	Reactivity occurs against human ECT2 protein at the pT790 residue.
经测试应用	适用于: WB, ELISA, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Chicken, Dog, Chimpanzee, Zebrafish
免疫原	Synthetic peptide: TKDMDSTLSRA , corresponding to amino acids 785-795 of Human ECT2 Run BLAST with Run BLAST with
阳性对照	HeLa cell lysates

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
纯度	Immunogen affinity purified
纯化说明	ab51494 was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross-adsorbed against the non-phosphorylated form of the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab51494** 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		
ELISA		
ICC/IF	★☆☆☆☆	

应用说明

ELISA: 1/10000 - 1/40000.
ICC/IF: Use at an assay dependent dilution.
WB: 1/1000 - 1/4000. Predicted molecular weight: 100 kDa.
Less than 2% reactivity is observed against the non-phosphorylated form of the immunizing peptide.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

靶标

相关性

The protein encoded by this gene is a transforming protein that is related to Rho-specific exchange factors and yeast cell cycle regulators. The expression of this gene is elevated with the onset of DNA synthesis and remains elevated during G2 and M phases. In situ hybridization analysis showed that expression is at a high level in cells undergoing mitosis in regenerating liver. Thus, this protein is expressed in a cell cycle-dependent manner during liver regeneration, and is thought to have an important role in the regulation of cytokinesis.

细胞定位

ECT2 exhibits nuclear localization in interphase, spreads throughout the cytoplasm in prometaphase, and is condensed in the midbody during cytokinesis

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