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Datasheet for ABIN800688
anti-ECT2 antibody (pThr373)

Overview

Quantity:	100 µL
Target:	ECT2
Binding Specificity:	pThr373
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ECT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human ECT2 around the phosphorylation site of Thr373
Isotype:	IgG
Predicted Reactivity:	Human,Dog,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	ECT2
Alternative Name:	ECT2 (ECT2 Products)

Target Details

Background: Synonyms: ECT2 phospho T373, ECT2 phospho Thr373, p-ECT2 Thr373, ECT 2, ECT2, ECT-2, ECT2 protein, Epithelial cell transforming sequence 2, Epithelial cell transforming sequence 2 oncogene, Epithelial cell transforming sequence 2 oncogene protein, FLJ10461, MGC138291, Protein ECT2, ECT2_HUMAN, Epithelial cell-transforming sequence 2 oncogene.

Background: 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. [provided by RefSeq].

Gene ID: 1894

Pathways: [Neurotrophin Signaling Pathway](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months