bs-4102R **[Primary Antibody]**

ECT2 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1894 **SWISS:** Q9H8V3

Target: ECT2

Immunogen: KLH conjugated synthetic peptide derived from human ECT2: 781-883/914.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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].

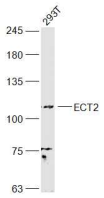
Applications: **WB** (1:500-2000)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Cow, Chicken, Dog)

Predicted MW.: 100 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: 293T(Human) Cell Lysate at 30 ug
Primary: Anti-ECT2 (bs-4102R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100 kD
Observed band size: 108 kD

SELECTED CITATIONS

- **[IF=5.652]** Chunjie Wen. et al. CircSETD3 mediates acquired resistance to gefitinib in non-small lung cancer cells by FXR1/ECT2 pathway. INT J BIOCHEM CELL B. 2022 Dec;:106344 WB,IHC ;Human, Mouse. 36503048
- **[IF=2.08]** Wang, H-B., H-C. Yan, and Y. Liu. "Clinical significance of ECT2 expression in tissue and serum of gastric cancer patients." Clinical and Translational Oncology (2015): 1-8. WB ;="Human". 26497353
- **[IF=2.49]** Guo, Zhenghui, et al. "Elevated levels of epithelial cell transforming sequence 2 predicts poor prognosis for prostate cancer." Medical Oncology 34.1 (2017): 13. IHC ;="Human". 28012134
- **[IF=1.871]** Zhu L et al. Epithelial cell transforming sequence 2 expression is associated with the progression of laryngeal squamous cell carcinoma. Oncol Lett. 2019 Jun;17(6):5699-5704. IHC ;Human. 31186795