

## Product datasheet for **AP16137PU-N**

### ECT2 (N-term) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF
Recommended Dilution:	<b>Immunofluorescence:</b> 10µg/ml. Strong expression of the protein seen in the nuclei and cytoplasm of A431 and U2OS cells. <b>Flow Cytometry:</b> 10ug/ml. Flow cytometric analysis of A431 cells.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide from N Terminus of the protein sequence according to NP_060568.3.
Specificity:	This antibody detects ECT2 at N-term.
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	epithelial cell transforming 2
Database Link:	<a href="#">Entrez Gene 1894 Human</a> <a href="#">Q9H8V3</a>



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**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.

**Synonyms:** FLJ10461; MGC138291