



SNUT1 rabbit pAb

Cat No.:ES10406

For research use only

Overview

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|---------------------------------|---|
| Product Name | SNUT1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | WB 1:500-2000 ELISA 1:5000-20000 |
| Immunogen | Synthesized peptide derived from part region of human protein |
| Specificity | SNUT1 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C . Avoid repeated freeze-thaw cycles. |
| Protein Name | U4/U6.U5 tri-snRNP-associated protein 1 (SNU66 homolog) (hSnu66) (Squamous cell carcinoma antigen recognized by T-cells 1) (SART-1) (hSART-1) (U4/U6.U5 tri-snRNP-associated 110 kDa protein) (allergen |
| Gene Name | SART1 |
| Cellular localization | Nucleus . Found in the nucleus of mitogen-activated peripheral blood mononuclear cells (PBMCs), tumor cells, or normal cell lines, but not in normal tissues except testis and fetal liver or in unstimulated PBMCs, suggesting preferential expression in proliferating cells. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 88kD |
| Human Gene ID | 9092 |
| Human Swiss-Prot Number | O43290 |
| Alternative Names | |





Background

This gene encodes two proteins, the SART1(800) protein expressed in the nucleus of the majority of proliferating cells, and the SART1(259) protein expressed in the cytosol of epithelial cancers. The SART1(259) protein is translated by the mechanism of -1 frameshifting during posttranscriptional regulation; its full-length sequence is not published yet. The two encoded proteins are thought to be involved in the regulation of proliferation. Both proteins have tumor-rejection antigens. The SART1(259) protein possesses tumor epitopes capable of inducing HLA-A2402-restricted cytotoxic T lymphocytes in cancer patients. This SART1(259) antigen may be useful in specific immunotherapy for cancer patients and may serve as a paradigmatic tool for the diagnosis and treatment of patients with atopy. The SART1(259) protein is found to be essential for the recruitment of the tri-snR

