



# Anti-SART3 (aa 828-877) polyclonal antibody (CABT-BL3235)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |                                                                                                                                                                   |
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| <b>Immunogen</b>             | Synthetic peptide within residues: KDLRLVTNRA GKPKGLAYVE YENESQASQA VMKMDGMTIK ENIIKVAISN, corresponding to internal sequence amino acids 828-877 of Human SART3. |
| <b>Isotype</b>               | IgG                                                                                                                                                               |
| <b>Source/Host</b>           | Rabbit                                                                                                                                                            |
| <b>Species Reactivity</b>    | Human                                                                                                                                                             |
| <b>Purification</b>          | Immunogen affinity purified                                                                                                                                       |
| <b>Conjugate</b>             | Unconjugated                                                                                                                                                      |
| <b>Applications</b>          | WB                                                                                                                                                                |
| <b>Cellular Localization</b> | Cytoplasmic and Nuclear. Localized in speckles.                                                                                                                   |
| <b>Format</b>                | Liquid                                                                                                                                                            |
| <b>Buffer</b>                | 2% Sucrose, PBS                                                                                                                                                   |
| <b>Preservative</b>          | None                                                                                                                                                              |
| <b>Storage</b>               | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.                                                                    |

## BACKGROUND

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| <b>Introduction</b> | 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-snRNP to the pre-spliceosome in the spliceosome assembly pathway. [provided by RefSeq, Jul 2008]

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## GENE INFORMATION

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| Entrez Gene ID | <a href="#">9733</a> |
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| Protein Refseq | <a href="#">NP_055521</a> |
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| UniProt ID | <a href="#">Q15020</a> |
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