


Anti-SART3 antibody ab84671

3 Images

Overview

Product name	Anti-SART3 antibody
Description	Rabbit polyclonal to SART3
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Orangutan 
Immunogen	Synthetic peptide corresponding to a region between residue 600 and 650 of Human SART3 (NP_055521.1)
Positive control	IHC: Human pancreatic islet tumour tissue
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab84671 was affinity purified using an epitope specific to SART3 immobilized on solid support
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab84671 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Regulates Tat transactivation activity through direct interaction. May be a cellular factor for HIV-1 gene expression and viral replication.

Tissue specificity

Ubiquitously expressed.

Involvement in disease

Defects in SART3 are the cause of disseminated superficial actinic porokeratosis type 1 (DSAP1) [MIM:175900]. DSAP1 is an autosomal dominant disorder, characterized by multiple superficial keratotic lesions surrounded by a slightly raised keratotic border, developing during the third or fourth decade of life on sun-exposed areas of skin.

Sequence similarities

Contains 8 HAT repeats.
Contains 2 RRM (RNA recognition motif) domains.

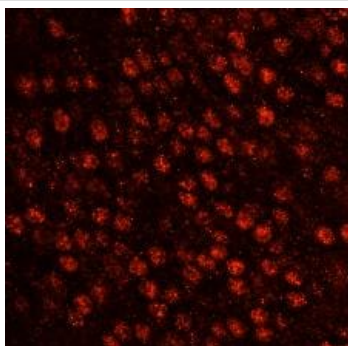
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

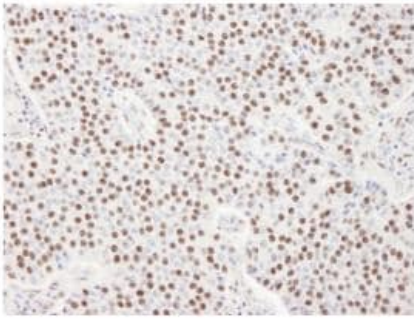
Cytoplasm. Nucleus speckle. Localized in speckles. Expressed in the nucleus of all of the malignant tumor cell lines tested and the majority of cancer tissues with various histologies, including squamous cell carcinomas (SCC), adenocarcinomas, melanomas and leukemias cells. However, this protein is undetectable in the nucleus of any cell lines of nonmalignant cells or normal tissues, except for the testis. Expressed in the cytoplasm of all the proliferating cells, including normal and malignant cells, but not in normal tissues, except for the testis and the fetal liver.

Images



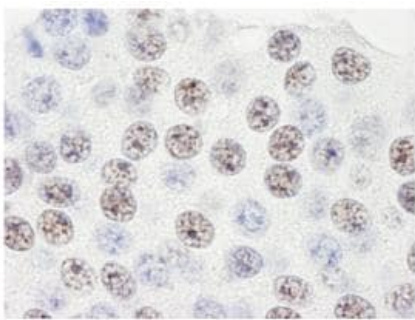
ab84671 at 1/100 dilution, staining SART3 in Formalin-Fixed Paraffin-Embedded Human pancreatic islet cell tumor tissue by Immunofluorescence. Detection: Redfluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody at a dilution of 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SART3 antibody (ab84671)



ab84671 at 1/100 dilution, staining SART3 in Formalin-Fixed Paraffin-Embedded Human pancreatic islet cell tumor tissue by Immunohistochemistry. Detection: DAB staining

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SART3 antibody (ab84671)



ab84671 at 1/250 dilution, staining SART3 in Formalin-Fixed Paraffin-Embedded Human pancreatic islet cell tumor tissue by Immunohistochemistry. Detection: DAB staining

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SART3 antibody (ab84671)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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