

Product datasheet

Anti-SART3 antibody - C-terminal ab155765

3 Images

Overview

<b>Product name</b>	Anti-SART3 antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to SART3 - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide, corresponding to a region within C terminal amino acids 901-963 of Human SART3 (Uniprot ID: Q15020).
<b>Positive control</b>	A431, H1299, HeLa, HepG2 and Raji whole cell lysates; HeLa cells; Human NCI-N87 xenograft tissue.
<b>General notes</b>	Keep as concentrated solution.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab155765** in the following tested applications.

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

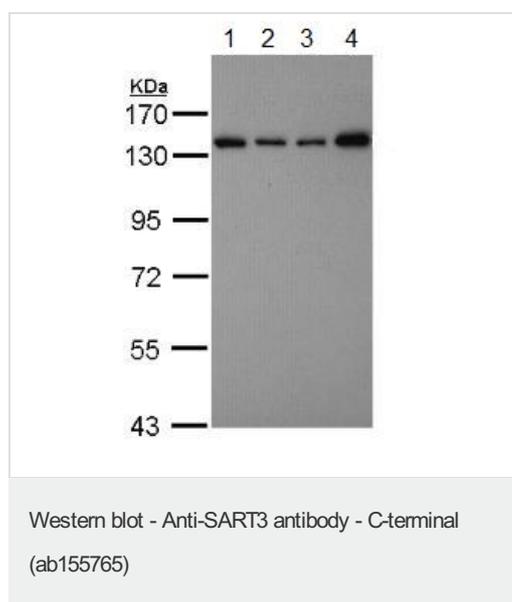
Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 110 kDa.

Application	Abreviews	Notes
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

## Target

<b>Function</b>	Regulates Tat transactivation activity through direct interaction. May be a cellular factor for HIV-1 gene expression and viral replication.
<b>Tissue specificity</b>	Ubiquitously expressed.
<b>Involvement in disease</b>	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.
<b>Sequence similarities</b>	Contains 8 HAT repeats. Contains 2 RRM (RNA recognition motif) domains.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	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



**All lanes** : Anti-SART3 antibody - C-terminal (ab155765) at 1/1000 dilution

**Lane 1** : A431 whole cell lysate

**Lane 2** : H1299 whole cell lysate

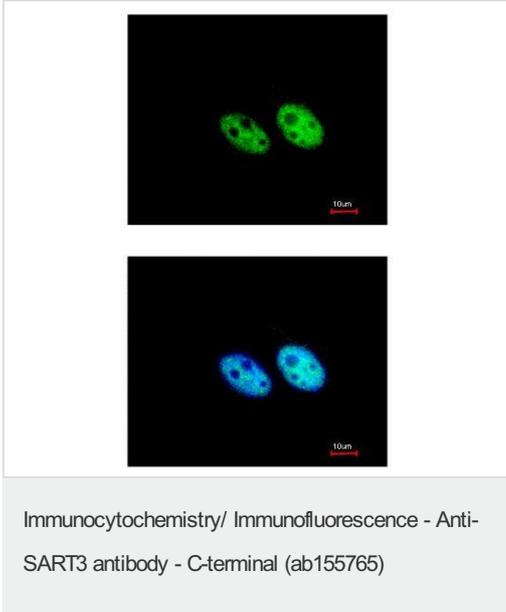
**Lane 3** : HeLa whole cell lysate

**Lane 4** : HepG2 whole cell lysate

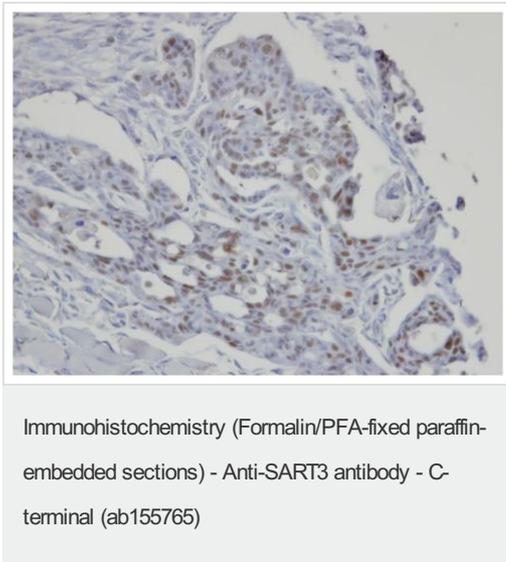
Lysates/proteins at 30 µg per lane.

**Predicted band size:** 110 kDa

## 7.5% SDS PAGE



Immunofluorescence analysis of paraformaldehyde-fixed HeLa cells labeling SART3 with ab155765 at 1/200 dilution. Lower image is merged with DNA probe.



Immunohistochemical analysis of paraffin-embedded Human NCI-N87 xenograft tissue labeling SART3 with ab155765 at 1/100 dilution.

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

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