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Datasheet for ABIN7270528
anti-SAT2 antibody (AA 1-170)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | SAT2 |
| Binding Specificity: | AA 1-170 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SAT2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|--|
| Purpose: | SAT2 Rabbit pAb |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human SAT2 (NP_597998.1). |
| Sequence: | MASVRIREAK EGDCGDILRL IRELAEFEKL SDQVKISEEA LRADGFGDNP FYHCLVAEIL PAPGKLLGPC VVGYGIIYFI YSTWKGRTIY LEDIYVMPEY RGQGIGSKII KKVAEVALDK GCSQFRLAVL DWNQRAMDLY KALGAQDLTE AEGWHFFCFQ GEATRKLAKG |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

Target Details

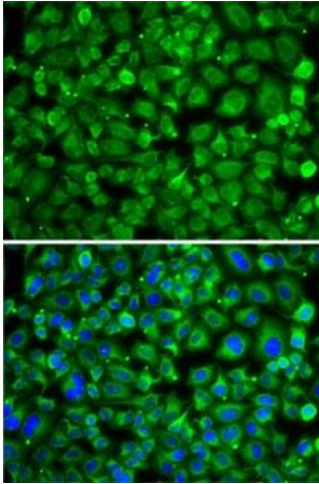
| | |
|-------------------|--|
| Target: | SAT2 |
| Alternative Name: | SAT2 (SAT2 Products) |
| Background: | Catalyzes the N-acetylation of the amino acid thialysine (S-(2-aminoethyl-L-cysteine, a L-lysine analog with the 4-methylene group substituted with a sulfur. May also catalyze acetylation of polyamines, such as norspermidine, spermidine or spermine. However, ability to acetylate polyamines is weak, suggesting that it does not act as a diamine acetyltransferase in vivo.,SAT2,SSAT2,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,SAT2 |
| Molecular Weight: | 19kDa |
| Gene ID: | 112483 |
| UniProt: | Q96F10 |

Application Details

| | |
|--------------------|-----------------------------------|
| Application Notes: | WB,1:500 - 1:2000,IF,1:50 - 1:100 |
| Restrictions: | For Research Use only |

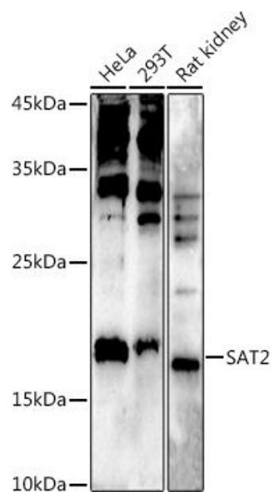
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Immunofluorescence

Image 1. Immunofluorescence analysis of A-549 cells using S antibody . Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.