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Product datasheet for AP53803PU-N

SATL1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 322-352 amino acids from the C-terminal region of Human SATL1 (NP_001012998.2)
Specificity:	Recognizes SATL1 (C-term)
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide Affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	spermidine/spermine N1-acetyl transferase-like 1
Database Link:	Entrez Gene 340562 Human Q86VE3

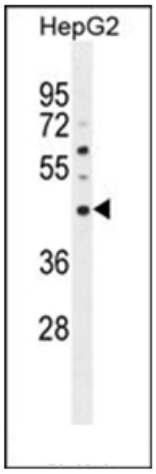
View online »

Background: SATL1 (spermine N(1)-acetyltransferase-like protein 1) is a 508 amino acid protein that contains one N-acetyltransferase domain, and belongs to the acetyltransferase family. Existing as two alternatively spliced isoforms, the SATL1 gene is conserved in chimpanzee, dog, cow, mouse and rat, and maps to human chromosome Xq21.1. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. There are a number of conditions related to an unusual number and combination of sex chromosomes being inherited. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome.

Synonyms: Spermidine/spermine N(1)-acetyltransferase-like protein 1

Note: **Molecular Weight:** 55833 Da ; Isoform 48KD Da

Product images:



Western blot analysis of SATL1 Antibody (C-term) in HepG2 cell line lysates (35 ug/lane). This demonstrates the SATL1 antibody detected the SATL1 protein (arrow).