

**AP53803PU-N****Polyclonal Antibody to SATL1 (C-term) - Aff - Purified**

<b>Alternate names:</b>	Spermidine/spermine N(1)-acetyltransferase-like protein 1
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	<p>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.</p>
<b>Uniprot ID:</b>	<a href="#">Q86VE3</a>
<b>NCBI:</b>	<a href="#">NP_001012998</a>
<b>GeneID:</b>	<a href="#">340562</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	<p>KLH conjugated synthetic peptide between 322-352 amino acids from the C-terminal region of Human SATL1 (NP_001012998.2)</p> <p><b>Genename:</b> SATL1</p>
<b>Format:</b>	<p><b>State:</b> Liquid purified Ig fraction</p> <p><b>Purification:</b> Protein A column followed by peptide Affinity purification</p> <p><b>Buffer System:</b> PBS with 0.09% (W/V) Sodium Azide as preservative</p>
<b>Applications:</b>	<p>ELISA: 1/1,000.</p> <p>Western blotting: 1/100-1/500.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	<p>Recognizes SATL1 (C-term)</p> <p><b>Species:</b> Human.</p> <p>Other species not tested.</p>
<b>Add. Information:</b>	<p><b>Molecular Weight:</b> 55833 Da ; Isoform 48KD Da</p>

**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.  
Shelf life: one year from despatch.

**Caution:** This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**General Readings:** 1. Ross, M.T., et al. Nature 434(7031):325-337(2005)

**Pictures:** Western blot analysis of SATL1 Antibody (C-term) Cat.-No AP53803PU-N in HepG2 cell line lysates (35 ug/lane). This demonstrates the SATL1 antibody detected the SATL1 protein (arrow).

