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Product datasheet for AP52787PU-N

MYCT1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	**Flow cytometry**: 1/10-1/50. **Western blot**: 1/100-1/500. Enzyme immunoassay: 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 142-171aa) of human MYCT1
Specificity:	This antibody recognizes human MYCT1 at C-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store 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:	myc target 1
Database Link:	Entrez Gene 80177 Human Q8N699

View online »

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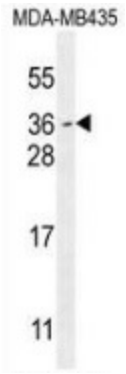
Background: MYCT1 may regulate certain MYC target genes, MYC seems to be a direct upstream transcriptional activator. Does not seem to significantly affect growth cell capacity. Overexpression seems to mediate many of the known phenotypic features associated with MYC, including promotion of apoptosis, alteration of morphology, enhancement of anchorage-independent growth, tumorigenic conversion, promotion of genomic instability, and inhibition of hematopoietic differentiation (By similarity).

Synonyms: Myc target protein 1, MTLC, MTMC1

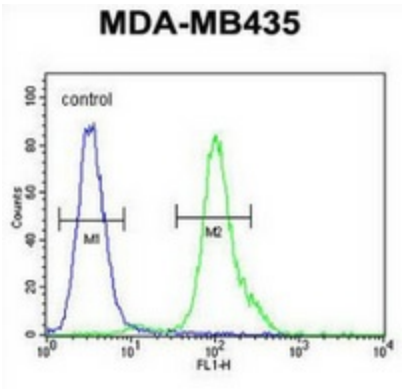
Note: **Molecular Weight:** 26593 Da

Protein Families: Transmembrane

Product images:



Western blot analysis in MDA-MB435 cell line lysates (35ug/lane) using MYCT1 antibody. (C-term). This demonstrates this antibody detected the MYCT1 protein (arrow).



Flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram) using MYCT1 antibody. (C-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.

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