

## Product datasheet for **TA356963**

### MYCNOS Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Human <b>Homology:</b> Human: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	12kDa
Gene Name:	MYCN opposite strand
Database Link:	<a href="#">NP_006307</a> <a href="#">Entrez Gene 10408 Human</a> <a href="#">P40205</a>



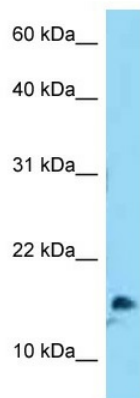
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**Background:**

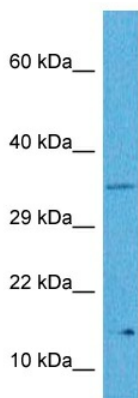
The N-myc oncogene has been implicated in the pathogenesis of a number of human tumors, including childhood neuroblastoma and adult small cell lung cancer. Complementary DNA clones derived from a transcription unit, N-cym, located on the opposite DNA strand to N-myc have been characterized. There is extensive overlap between the 5' ends of the two transcription units. The N-cym gene, which can encode a 109-amino acid protein, is expressed during fetal development, as well as in tumor cell lines containing amplified N-myc loci, where it is expressed at very high levels. Although other examples of overlapping, opposite-strand eukaryotic genes exist, N-myc and N-cym are unique in that they appear to be coregulated in tumor cell lines under basal growth conditions and in response to the differentiating agent retinoic acid. This coregulation suggests that their protein products may be functionally interrelated during normal development and oncogenesis.

**Synonyms:**

CYMN; NCYM; NYCM

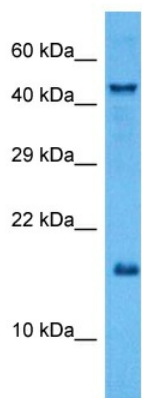
**Product images:**


WB Suggested Anti-MYCNOS Antibody  
Titration: 1.0 ug/ml  
Positive Control: HepG2 Whole Cell



Host: Rabbit  
Target Name: MYCNOS  
Sample Type: Hela Cell Lysate  
Antibody Dilution: 1.0ug/ml

Host: Rabbit  
Target Name: MYCNOS  
Sample Tissue: Human Hela Whole Cell  
Antibody Dilution: 1ug/ml



Host: Rabbit  
Target Name: MYCNOS  
Sample Type: SGC-7901 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: MYCNOS  
Sample Tissue: Human SGC-7901 Whole Cell  
Antibody Dilution: 5ug/ml