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Datasheet for ABIN2773988

anti-MYCNOS antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	MYCNOS
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYCNOS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	WGGETDASNP APALTACCAA EREANVEQGL AGRLLLCNYE RRLVRRCKIA
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against MYCNOS. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MYCNOS
Alternative Name:	MYCNOS (MYCNOS Products)
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

Target Details

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.

Alias Symbols: NCYM, NYCM, MYCN-AS1

Protein Size: 109

Molecular Weight: 12 kDa

Gene ID: 10408

NCBI Accession: [NM_006316](#), [NP_006307](#)

UniProt: [P40205](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 109 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

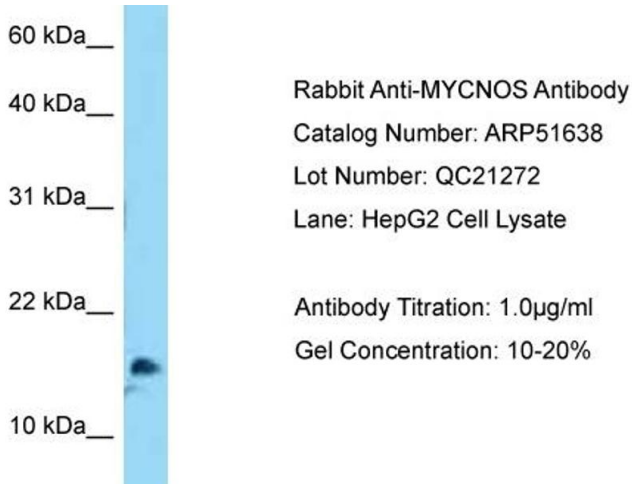
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

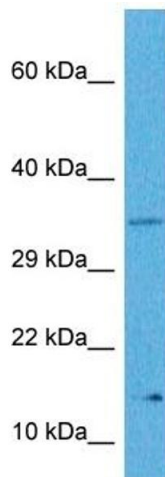
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MYCNOS Antibody Titration:
1.0 ug/ml Positive Control: HepG2 Whole Cell



Western Blotting

Image 2. Host: Rabbit Target Name: MYCNOS Sample
Tissue: Human Hela Whole Cell Antibody Dilution: 1ug/ml