



# MYCNOS Polyclona Antibody

<b>Catalog No</b>	YP-Ab-10909
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	MYCNOS CYMN NCYM
<b>Protein Name</b>	MYCNOS
<b>Immunogen</b>	Synthesized peptide derived from human MYCNOS AA range: 2-52
<b>Specificity</b>	This antibody detects endogenous levels of human MYCNOS
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	N-cym protein (N-myc opposite strand)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm . Nucleus .
<b>Tissue Specificity</b>	Expressed in the neuronal cells of the cerebrum and cerebellum, spermatocytes of the testis, pancreatic cells and also the heart. Expressed in both primary and metastatic neuroblastomas and in thyroid tumors (at protein level). Expression is associated with poor prognosis in neuroblastoma. Expressed in the fetal brain, lung, liver and kidney at varying low levels.
<b>Function</b>	developmental stage:Expressed during fetal development, as well as in tumor cell lines containing amplified N-myc loci, where it is expressed at very high levels.,function:May have a functional role during normal fetal development.,tissue specificity:Expressed in the fetal brain, lung, liver and kidney at varying low levels.,
<b>Background</b>	This gene is transcribed in antisense to the v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog gene (MYCN). It is thought to encode a small, novel protein that stabilizes MYCN, prevents apoptosis, and promotes cell proliferation. Transcripts at this locus may also act directly as functional RNAs to recruit transcriptional regulators to the promoter of MYCN and stimulate transcription of this oncogene. This gene therefore functions through both RNA



and protein products. [provided by RefSeq, Aug 2016],

**matters needing attention**

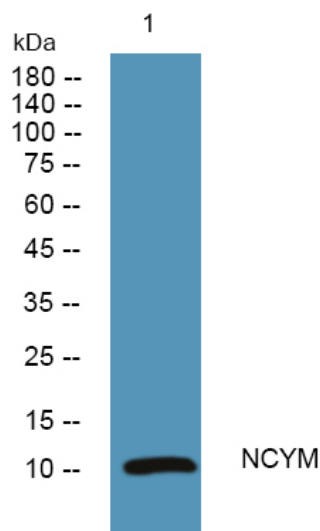
Avoid repeated freezing and thawing!

**Usage suggestions**

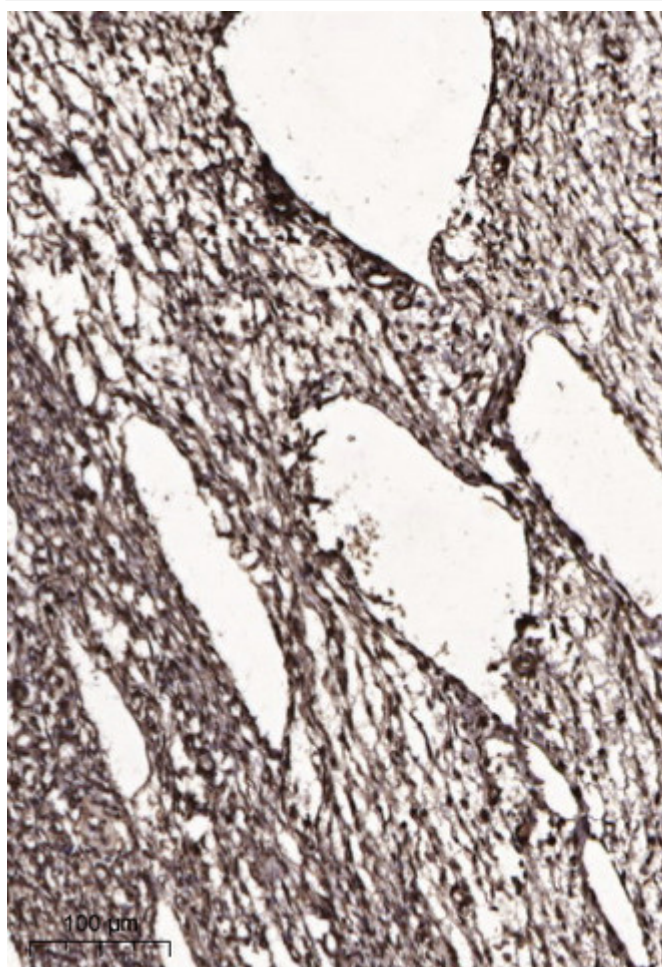
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).