

MYCNOS Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57409

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P40205
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11733

Additional Information

Other Names	N-cym protein, N-myc opposite strand, MYCNOS, CYMN, NCYM
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MYCNOS
Synonyms	CYMN, NCYM
Function	Regulates stability of MYCN in neuroblastoma cells by inhibiting GSK3B-mediated MYCN phosphorylation. Inhibits GSK3B activity by promoting its phosphorylation at 'Ser-9' (PubMed: 24391509).
Cellular Location	Cytoplasm. Nucleus
Tissue Location	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.

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