GNPAT Antibody

PACO19726

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, IHC:1:25-1:100

Protein Background:

Tumor suppressor probably involved in transcriptional and post-transcriptional control pathways. May be involved in cell cycle progression through the regulation of cyclin D1/PRAD1 expression. Component of the PAF1 complex (PAF1C) which has multiple functions during transcription by RNA polymerase II and is implicated in regulation of development and maintenance of embryonic stem cell pluripotency. PAF1C associates with RNA polymerase II through interaction with POLR2A CTD non-phosphorylated and 'Ser-2'- and 'Ser-5'-phosphorylated forms and is involved in transcriptional elongation, acting both indepentently and synergistically with TCEA1 and in cooperation with the DSIF complex and HTATSF1. PAF1C is required for transcription of Hox and Wnt target genes. PAF1C is involved in hematopoiesis and stimulates transcriptional activity of KMT2A/MLL1; it promotes leukemogenesis through association with KMT2A/MLL1-rearranged oncoproteins, such as KMT2A/MLL1-MLLT3/AF9 and KMT2A/MLL1-MLLT1/ENL.

Gene ID:

GNPAT

Uniprot

O15228

Synonyms:
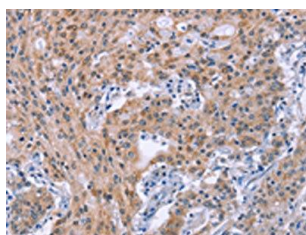
glyceronephosphate O-acyltransferase

Immunogen:
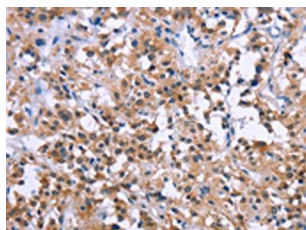
Synthetic peptide of human GNPAT.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PACO19726(GNPAT Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x—200).

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO19726(GNPAT Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x—200).