CENPF Antibody

PACO19464

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, IHC:1:50-1:200

Protein Background:

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Can stimulate the ATPase activity of the catalytic subunit of these complexes. May be required for CoREST dependent repression of neuronal specific gene promoters in non-neuronal cells. Also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene. Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state.

Gene ID:

CENPF

Uniprot

P49454

Synonyms:

centromere protein F, 350/400kDa

Immunogen:

Synthetic peptide of human CENPF.

Storage:

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

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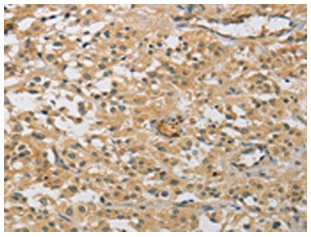
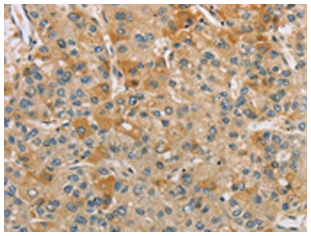
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO19464(CENPF Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO19464(CENPF Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).