

PACO47254

Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

Plays an important role in the ligand-dependent activation of estrogen receptor target genes. May play a role in the silencing of fetal globin genes. Recruits the 5FMC complex to ZNF148, leading to desumoylation of ZNF148 and subsequent transactivation of ZNF148 target genes. Plays an important role in the tumorigenicity of glioblastoma cells. Binds to 5-hydroxymethylcytosine (5hmC) and associates with the methylosome complex containing PRMT1, PRMT5, MEP50 and ERH. The CHTOP-methylosome complex associated with 5hmC is recruited to selective sites on the chromosome, where it methylates H4R3 and activates the transcription of genes involved in glioblastomagenesis.

Gene ID:

CHTOP

Uniprot

Q9Y3Y2

Synonyms:

Chromatin target of PRMT1 protein (Friend of PRMT1 protein) (Small arginine- and glycine-rich protein) (SRAG), CHTOP, C1orf77 FOP

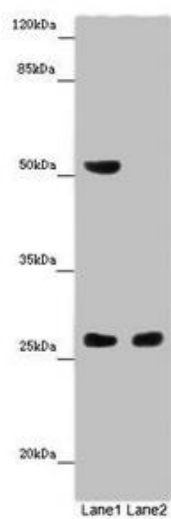
Immunogen:

Recombinant Human Chromatin target of PRMT1 protein (179-248AA).

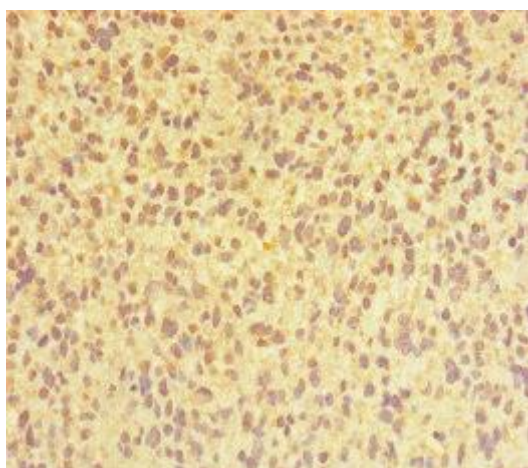
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

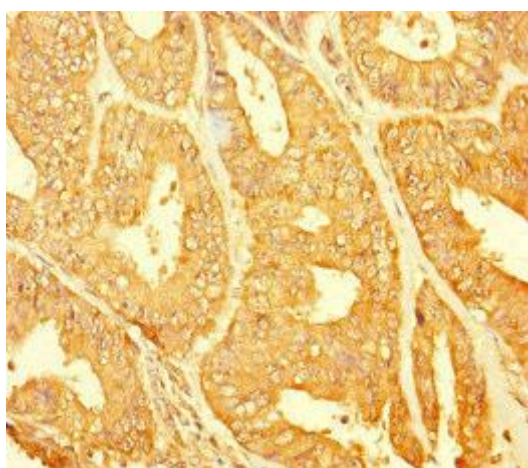
Product Images



Western blot. All lanes: CHTOP antibody at 14 μ g/ml. Lane 1: Mouse heart tissue. Lane 2: Mouse kidney tissue. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 27, 22 kDa. Observed band size: 27, 52 kDa.



Immunohistochemistry of paraffin-embedded human glioma using PACO47254 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human endometrial cancer using PACO47254 at dilution of 1:100.