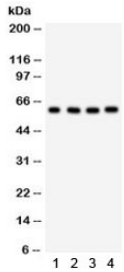
HRPT2 Antibody (R32268)

Catalog No.	Formulation	Size
R32268	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q6P1J9
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This HRPT2 antibody is available for research use only.



Western blot testing of 1) human placenta, 2) HepG2, 3) 293 and 4) HeLa lysate with HRPT2 antibody. Predicted/observed molecular weight ~61 kDa.

Description

Cell division cycle 73, also known as HRPT2, is a protein which in humans is encoded by the CDC73 gene. This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. And this protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma.

Application Notes

Optimal dilution of the HRPT2 antibody should be determined by the researcher.

Immunogen

Amino acids 119-520 of human HRPT2 were used as the immunogen for the HRPT2 antibody.

Storage

After reconstitution, the HRPT2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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