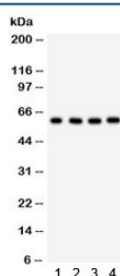


HRPT2 Antibody (R32268)

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
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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.