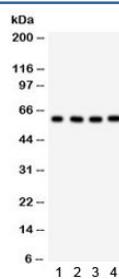


## HRPT2 Antibody (R32268)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	Q6P1J9
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml
<b>Limitations</b>	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 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.