

PPIH antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13380

Product Information

Application	WB
Primary Accession	O43447
Other Accession	NM_006347 , NP_006338
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted Host	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 19208

Additional Information

Gene ID	10465
Alias Symbol Other Names	CYP-20, CYPH, MGC5016, SnuCyp-20, USA-CYP Peptidyl-prolyl cis-trans isomerase H, PPIase H, 5.2.1.8, Rotamase H, Small nuclear ribonucleoprotein particle-specific cyclophilin H, CypH, U-snRNP-associated cyclophilin SnuCyp-20, USA-CYP, PPIH, CYP20, CYPH
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PPIH antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PPIH antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PPIH
Synonyms	CYP20, CYPH
Function	PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding (PubMed: 20676357). Participates in pre-mRNA splicing. May play a role in the assembly of the U4/U5/U6 tri-snRNP complex, one of the building blocks of the spliceosome. May act as a chaperone.

Cellular Location

Nucleus speckle. Cytoplasm. Note=Colocalizes with spliceosomal snRNPs. A small proportion may also be cytoplasmic

References

Horowitz D.S.,et al.RNA 3:1374-1387(1997).

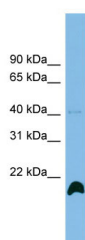
Teigelkamp S.,et al.RNA 4:127-141(1998).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Gregory S.G.,et al.Nature 441:315-321(2006).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-PPIH Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: THP-1 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.