



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PPIH (m): 293T Lysate: sc-125851

## BACKGROUND

PPIH (peptidylprolyl isomerase H (Cyclophilin H)), also known as PPlase H, Rotamase H, CypH, CYP20 or USA-CYP (U-snRNP-associated cyclophilin SnuCyp-20), is a 177 amino acid protein that belongs to the cyclophilin-type PPlase family. PPIH may accelerate the folding of proteins and catalyzes the *cis-trans* isomerization of proline imidic peptide bonds in oligopeptides. PPIH is thought to participate in pre-mRNA splicing with processing factors PRPF3, PRPF4 and PRPF18 and may be involved in the assembly of the U4/U5/U6 tri-snRNP complex. Considered a protein chaperone, PPIH possesses PPlase activity and mediates the interactions between different proteins inside the spliceosome. PPIH contains one PPlase cyclophilin-type domain and is inhibited by Cyclosporin A.

## REFERENCES

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- Patel, S.B. and Bellini, M. 2008. The assembly of a spliceosomal small nuclear ribonucleoprotein particle. *Nucleic Acids Res.* 36: 6482-6493.

## STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## CHROMOSOMAL LOCATION

Genetic locus: Ppih (mouse) mapping to 4 D2.1.

## PRODUCT

PPIH (m): 293T Lysate represents a lysate of mouse PPIH transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

## APPLICATIONS

PPIH (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive PPIH antibodies. Recommended use: 10-20 µl per lane.

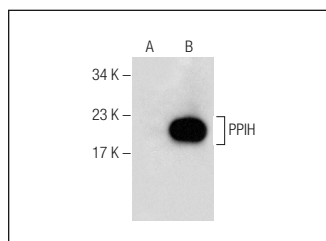
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

PPIH (C-1): sc-377217 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse PPIH expression in PPIH transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

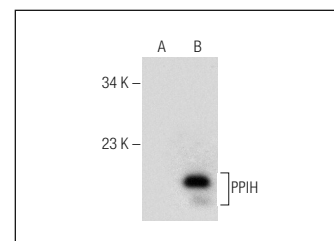
## RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:  
 1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

## DATA



PPIH (C-1): sc-377217. Western blot analysis of PPIH expression in non-transfected: sc-117752 (A) and mouse PPIH transfected: sc-125851 (B) 293T whole cell lysates.



PPIH (G-6): sc-377420. Western blot analysis of PPIH expression in non-transfected: sc-117752 (A) and mouse PPIH transfected: sc-125851 (B) 293T whole cell lysates.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.