

ZN473 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9752a

Product Information

Application	WB, FC, E
Primary Accession	Q8WTR7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24471
Calculated MW	100182
Antigen Region	178-207

Additional Information

Gene ID	25888
Other Names	Zinc finger protein 473, Zinc finger protein 100 homolog, Zfp-100, ZNF473, KIAA1141, ZFP100
Target/Specificity	This ZN473 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 178-207 amino acids from the N-terminal region of human ZN473.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ZN473 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZNF473
Synonyms	KIAA1141, ZFP100
Function	Involved in histone 3'-end pre-mRNA processing by associating with U7 snRNP and interacting with SLBP/pre-mRNA complex. Increases histone

3'-end pre-mRNA processing but has no effect on U7 snRNP levels, when overexpressed. Required for cell cycle progression from G1 to S phases.

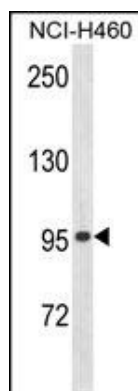
Cellular Location

Nucleus. Note=Stable component of Cajal bodies (CBs). Colocalizes with SMN, coilin and U7 snRNA

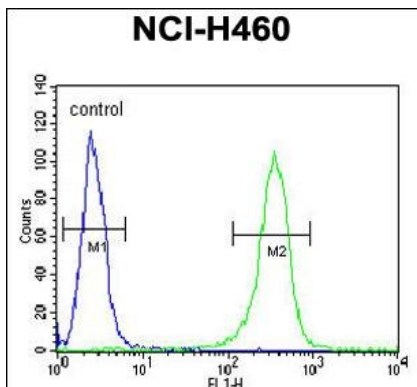
References

Wagner, E.J., et al. Mol. Cell. Biol. 26(17):6702-6712(2006)
Wagner, E.J., et al. RNA 12(7):1206-1218(2006)
Pillai, R.S., et al. Genes Dev. 17(18):2321-2333(2003)
Dominski, Z., et al. Genes Dev. 16(1):58-71(2002)

Images



Western blot analysis of ZN473 Antibody (N-term) (Cat. #AP9752a) in NCI-H460 cell line lysates (35ug/lane). ZN473 (arrow) was detected using the purified Pab.



ZN473 Antibody (N-term) (Cat. #AP9752a) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- [FUS/TLS contributes to replication-dependent histone gene expression by interaction with U7 snRNPs and histone-specific transcription factors.](#)

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