

ZFP100 / ZNF473 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54791

Specification

ZFP100 / ZNF473 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8WTR7
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZFP100/ZNF473
Epitope Specificity	701-830/871
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Stable component of Cajal bodies (CBs). Colocalizes with SMN, coilin and U7 snRNA.
SIMILARITY	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 20 C2H2-type zinc fingers. Contains 1 KRAB domain.
SUBUNIT	Interacts with the SLBP/pre-mRNA complex but not with SLBP alone. Interacts with LSM11 in a U7 snRNP-dependent manner.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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.

ZFP100 / ZNF473 Polyclonal Antibody - Additional Information

Gene ID 25888

Other Names

Zinc finger protein 473, Zinc finger protein 100 homolog, Zfp-100, ZNF473, KIAA1141, ZFP100

Dilution

WB~~1:1000<br \><span class

=IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ZFP100 / ZNF473 Polyclonal Antibody - 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.

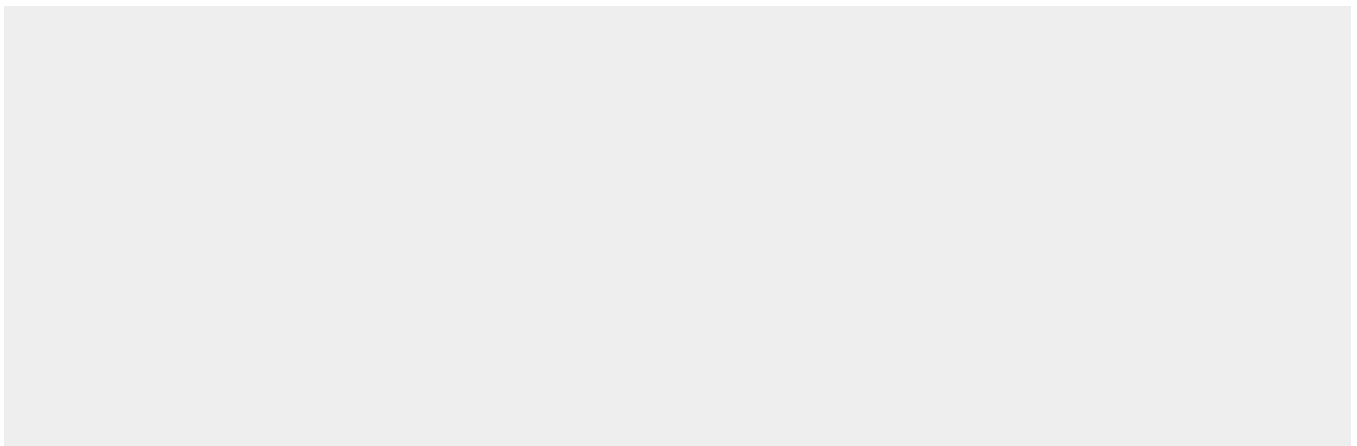
Cellular Location

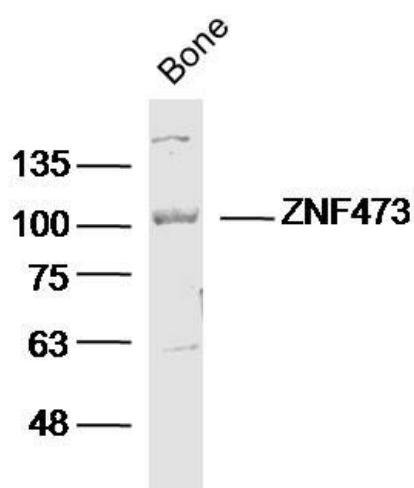
Nucleus. Note=Stable component of Cajal bodies (CBs). Colocalizes with SMN, coilin and U7 snRNA

ZFP100 / ZNF473 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZFP100 / ZNF473 Polyclonal Antibody - Images



Sample: Bone (mouse) Lysate at 40 ug
Primary: Anti- NF473(bs-12242R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 100 kD
Observed band size: 100 kD