

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 <u>O8WTR7</u>

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. 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

Important Note

Other Names

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

Dilution

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



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

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

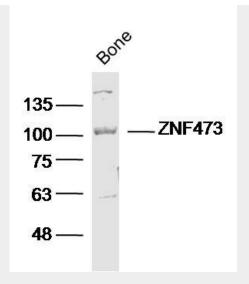
ZFP100 / ZNF473 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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