

ZNF346 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP54785

Specification

ZNF346 Polyclonal Antibody - Product Information

IHC-P, IHC-F, IF, ICC, E Application

Primary Accession 09UL40

Reactivity Rat, Dog, Bovine Host Rabbit Clonality **Polyclonal**

Calculated MW 33 KDa **Physical State** Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from Human ZNF346

181-294/294 **Epitope Specificity**

Isotype **Purity**

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION **Nucleus Cytoplasm.**

SIMILARITY Contains 4 matrin-type zinc fingers. **SUBUNIT** Forms a heteromeric complex with XPO5 and ILF3. Found in a nuclear export

complex with XPO5, RAN, ILF3, ZNF346 and double-stranded RNA. Interacts with XPO5. Interacts with ILF3 in an RNA-independent

manner.

Important Note This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression, ZNF346 (Zinc finger protein 346), also known as JAZ (Just another zinc finger protein), is a 294 amino acid protein that contains four matrin-type zinc fingers. The matrin-type zinc finger, which is very similar in structure to the classical DNA-binding C2H2 zinc finger, was first identified in the protein matrin-3. The matrin-type zinc finger has also been identified in several spliceosome RNA-binding proteins. Two isoforms exists due to alternate splicing events.

ZNF346 Polyclonal Antibody - Additional Information

Gene ID 23567

Other Names

Zinc finger protein 346, Just another zinc finger protein, ZNF346, JAZ



Dilution

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

Storage

Store at -20 $^{\circ}$ 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 $^{\circ}$ C.

ZNF346 Polyclonal Antibody - Protein Information

Name ZNF346

Synonyms JAZ

Function

Binds with low affinity to dsDNA and ssRNA, and with high affinity to dsRNA, with no detectable sequence specificity (PubMed:24521053). May bind to specific miRNA hairpins (PubMed:28431233).

Cellular Location

Nucleus, nucleolus. Cytoplasm. Note=Nuclear at steady state, primarily in the nucleolus. Shuttles between the nucleus and cytoplasm when associated with XPO5

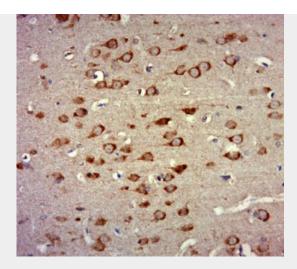
ZNF346 Polyclonal Antibody - Protocols

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

ZNF346 Polyclonal Antibody - Images





Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZNF346) Polyclonal Antibody, Unconjugated (bs-12235R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.