

ZNF346 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54785**Specification**

ZNF346 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9UL40
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Human ZNF346
Epitope Specificity	181-294/294
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 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 exist 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
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
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.

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: <http://www.uniprot.org/citations/24521053> target="_blank">24521053). May bind to specific miRNA hairpins (PubMed: <http://www.uniprot.org/citations/28431233> target="_blank">28431233).

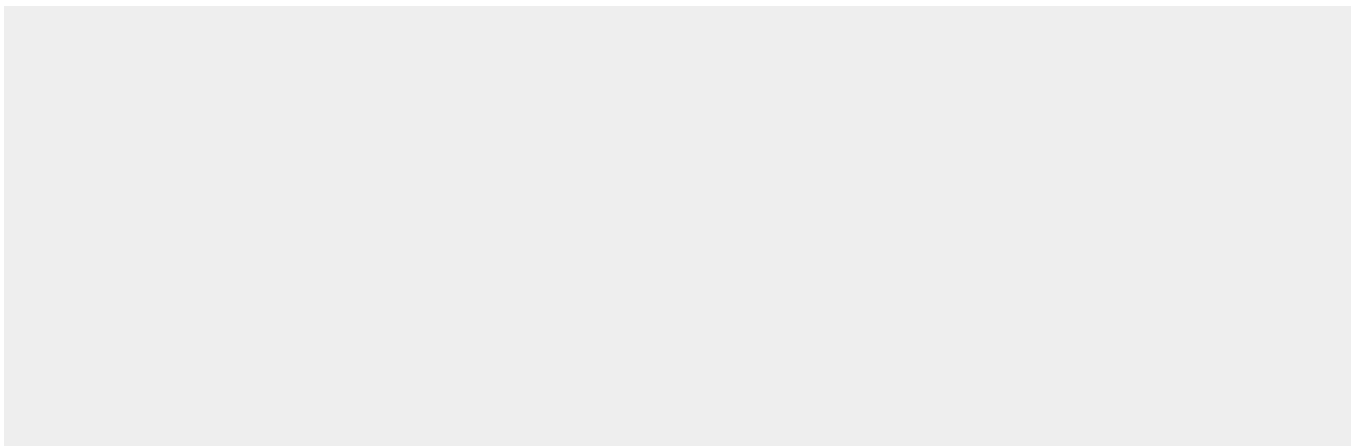
Cellular Location

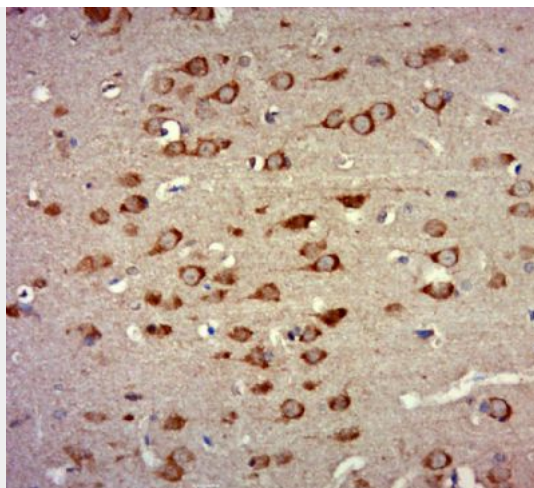
Nucleus, nucleolus. Cytoplasm. Note=Nuclear at steady state, primarily in the nucleolus. Shuttles between the nucleus and cytoplasm when associated with XPO5

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 Cytometry](#)
- [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.