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ZNF346 Rabbit pAb

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Catalog # AP54785

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UL40
Reactivity	Rat
Predicted	Dog, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32933
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.
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.

Additional Information

Gene ID	23567
Other Names	Zinc finger protein 346, Just another zinc finger protein, ZNF346, JAZ
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

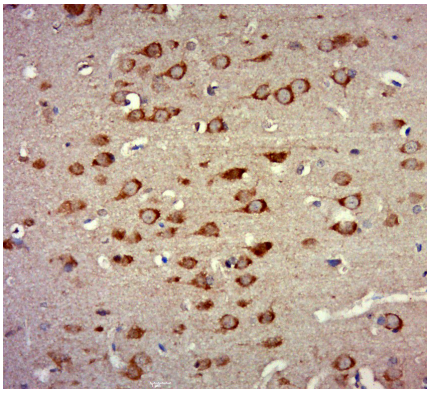
Protein Information

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

Background

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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 (AP54785) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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