



Rabbit Anti-ZNF346 antibody

SL12235R

Product Name:	ZNF346
Chinese Name:	Zinc finger protein346抗体
Alias:	DKFZp547M223; Double stranded RNA binding zinc finger protein; Double stranded RNA binding zinc finger protein JAZ; JAZ; Just another zinc finger protein; Zfp346; Zinc finger protein 346; ZN346_HUMAN; Znf346.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	33kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human ZNF346:181-294/294
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

Binds to dsRNA and DNA.

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.

Subcellular Location:

Nucleus Cytoplasm.

Similarity:

Contains 4 matrin-type zinc fingers.

SWISS:

Q9UL40

Gene ID:

23567

Database links:

[Entrez Gene: 23567](#)Human

[Entrez Gene: 26919](#)Mouse

[Entrez Gene: 306765](#)Rat

[Omim: 605308](#)Human

[SwissProt: Q9UL40](#)Human

[SwissProt: Q9R0B7](#)Mouse

[Unigene: 484259](#)Human

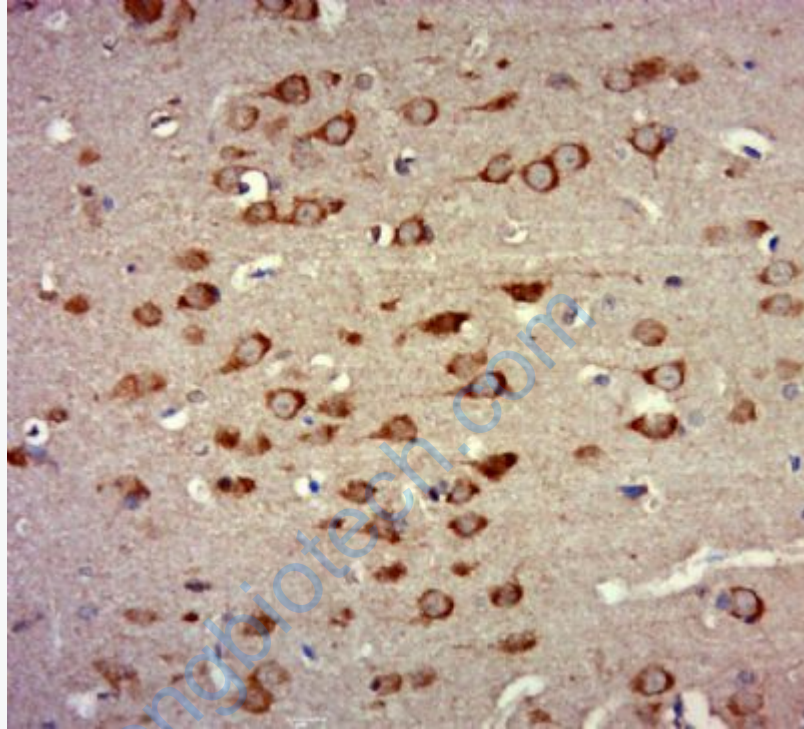
[Unigene: 671568](#)Human

[Unigene: 22795](#)Mouse

[Unigene: 17764](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

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 (SL12235R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.