

Product Name: KD-Validated ZNF346 Mouse Oligoclonal Antibody**Catalog #: KVA01125**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG
Clonality	Mouse oligoclonal antibody
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 32.9kDa

Antigen Information

Gene Name	ZNF346
Alternative Names	ZNF346; Zinc Finger Protein 346; JAZ; Zfp346; Just Another Zinc Finger Protein; Double-Stranded RNA-Binding Zinc Finger Protein JAZ
Gene ID	23567.0
SwissProt ID	Q9UL40
Immunogen	Recombinant protein of human ZNF346

Background

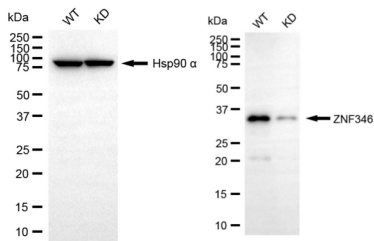
The protein encoded by this gene is a nucleolar, zinc finger protein that preferentially binds to double-stranded (ds) RNA or RNA/DNA hybrids, rather than DNA alone. Mutational studies indicate that the zinc finger domains are not only essential for dsRNA binding, but are also required for its nucleolar localization. The encoded protein may be involved in cell growth and

survival. It plays a role in protecting neurons by inhibiting cell cycle re-entry via stimulation of p21 gene expression. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2015]

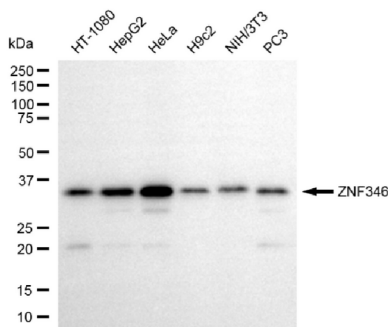
Research Area

Epigenetics and Nuclear Signaling, Cell Biology

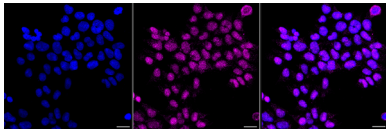
Image Data



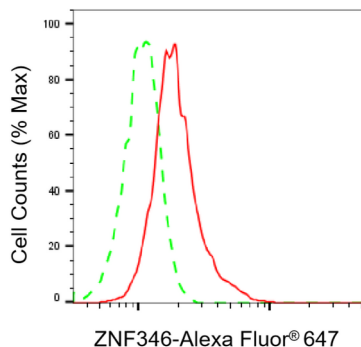
Western blotting analysis using ZNF346 antibody (KVA01125). ZNF346 expression in wild-type (WT) and ZNF346 knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ZNF346 antibody (KVA01125, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using ZNF346 antibody (KVA01125). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ZNF346 antibody (KVA01125, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with ZNF346 antibody (KVA01125, 1:1,000). Nuclei were stained blue with DAPI; ZNF346 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of ZNF346 expression in HeLa cells using ZNF346 antibody (KVA01125, 1:2,000). Green, isotype control; red, ZNF346.