Product Datasheet

ZFP41 Antibody - BSA Free
NBP2-83801-0.1ml

Unit Size: 0.1ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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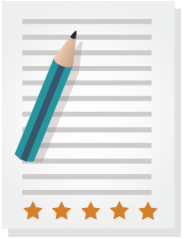
Updated 9/9/2025 v.20.1



NBP2-83801-0.1ml

ZFP41 Antibody - BSA Free

Product Information

Unit Size	0.1ml
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Purity	Affinity purified
Buffer	PBS, 2% Sucrose

Product Description

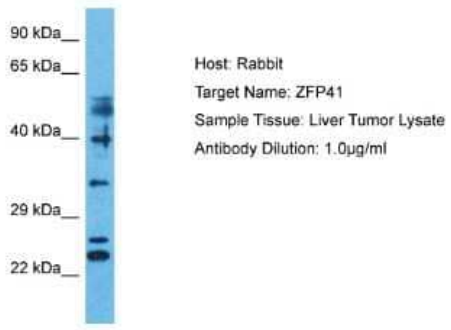
Description	Novus Biologicals Rabbit ZFP41 Antibody - BSA Free (NBP2-83801) is a polyclonal antibody validated for use in WB. Anti-ZFP41 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	286128
Gene Symbol	ZFP41
Species	Human
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ZFP41. Peptide sequence: PRTEPCLSPEDEEHVFDAFDASFKDDFEGVPVFIPFQRKKPYECSECGRI The peptide sequence for this immunogen was taken from within the described region.

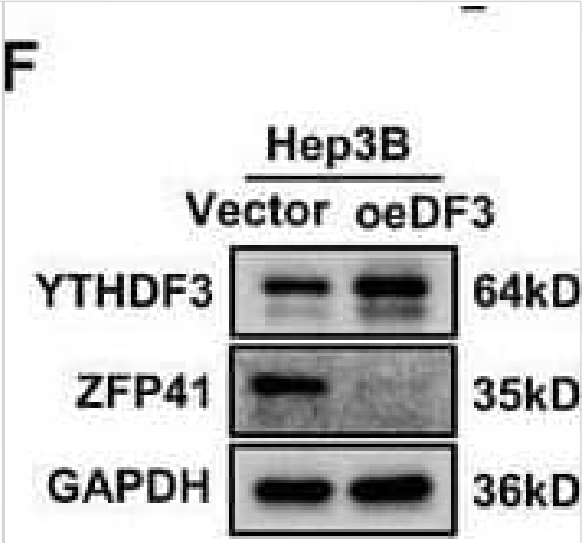
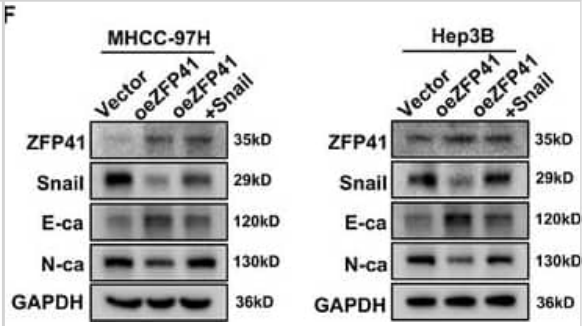
Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

Images

Western Blot: ZFP41 Antibody [NBP2-83801] - Host: Rabbit. Target Name: ZFP41. Sample Type: Liver Tumor lysates. Antibody Dilution: 1.0ug/ml



YTHDF3□mediated m6A modification of ZFP41 mRNA and decays its mRNA stability. (A) qPCR results showed that efficiencies of siRNA□mediated knockdown of common m6A regulators in MHCC□97H cells. (B) qPCR results showed that expression of ZFP41 after silencing these m6A regulators in MHCC□97H cells. (C) Overexpression of YTHDF3 notably suppress ZFP41 expression on transcription level in MHCC□97H and Hep3B cells. (D) Knockdown of YTHDF3 obviously increase ZFP41 expression on mRNA level in MHCC□97H and Hep3B cells. (E) Western blots results demonstrated that the ZFP41 protein level in MHCC□97H and HLF cells after silencing YTHDF3 with siRNA of YTHDF3. (F) Western blots results demonstrated that the ZFP41 protein level in Hep3B cells after overexpression of YTHDF3. (G) The diagram of the potential site of m6A modification on the CDS (Coding Sequence) area. (H) The luciferase activity in both MHCC□97H and Hep3B cells cotransfected with relative plasmids. (I) MeRIP results showed that ZFP41□wt or ZFP41□mut in both MHCC□97H and Hep3B cells. (J) The rate of ZFP41 mRNA degradation in MHCC□97H and Hep3B cells with YTHDF3 overexpression or knockdown. (K) The binding of ZFP41 mRNA and YTHDF3 was tested in MHCC□97H and Hep3B cells by RIP□qPCR analyses. (L) The relationship between ZFP41 and YTHDF3 was confirmed by RNA pull□down assay. Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/39473907), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	
ZFP41 suppresses the proliferation and invasion of HCC cells by inhibiting Snail expression and EMT pathway. (A) Representative images of subcutaneous xenograft tumors formation of the Vector group, oeZFP41 group and oeZFP41+Snail group in MHCC□97H cells. The dissected tumors from two groups were photographed. (B) Volumes and Weights of subcutaneous xenograft tumors in the Vector group, oeZFP41 group and oeZFP41+Snail group. (C and D) The lung fluorescence and the number of lung metastatic nodules was calculated in each group. (E) HE staining of lung tissue in each group were presented. (F) Western blots results showed the protein level of Snail and EMT□related targets with Vector, oeZFP41, and oeZFP41+Snail groups in MHCC□97H and Hep3B cells. Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/39473907), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	

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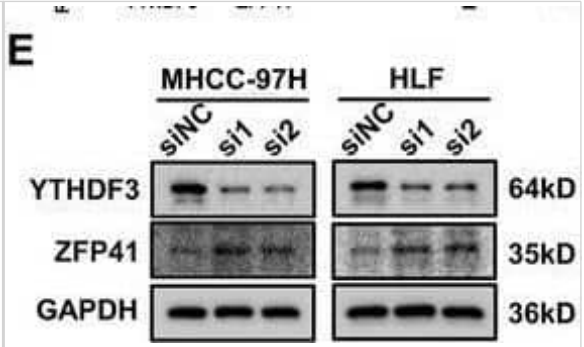
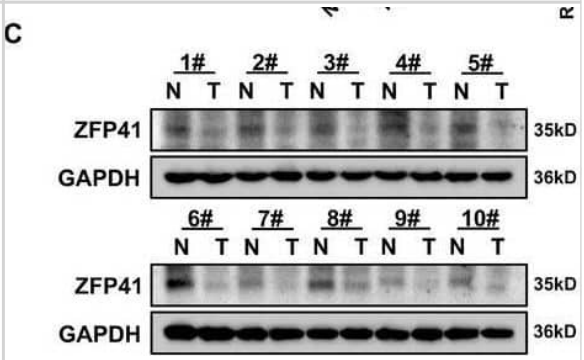


Downregulated ZFP41 is correlated with poor survival in HCC patients. (A) The IHC staining results of tissue microarray from Tongji hospital HCC patients. (B) qPCR results showed that ZFP41 was highly expressed in normal tissues rather than tumor tissues in 63 pairs samples from HCC patients. The relevance of 63 pairs of HCC patient samples was calculated. (C) Western blots results showed the ZFP41 protein level in both tumor and normal tissues. The relevance of 40 pairs of HCC patient samples was demonstrated. (D) qPCR results showed that the mRNA level of ZFP41 in normal hepatocyte cell and other HCC cells. (E) Western blots results showed that the protein level of ZFP41 in normal hepatocyte cell and other HCC cells. (F) The overall survival prognosis of patients determined on the basis of ZFP41 expression in Tongji cohort and TCGA database. Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/39473907), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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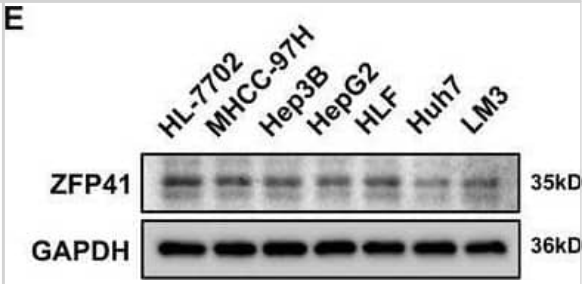

Publications

Li X, Han M, Zhu H et al. N6□methyladenosine reader YTHDF3□mediated zinc finger protein 41 inhibits hepatocellular carcinoma progression by transcriptional repression of Snail MedComm 2024-10-28 [PMID: 39473907]

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-31633PEP	ZFP41 Recombinant Protein Antigen

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