

Product Datasheet

ZNF667 Antibody - BSA Free NBP1-77357

Unit Size: 0.1 mg

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

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NBP1-77357

ZNF667 Antibody - BSA Free

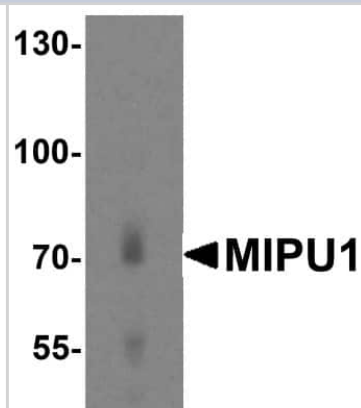
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	63934
Gene Symbol	ZNF667
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human MIPU1. The immunogen is located within the first 50 amino acids of MIPU1. Amino Acid Squence: SQEWEWLSPIQKDLYE

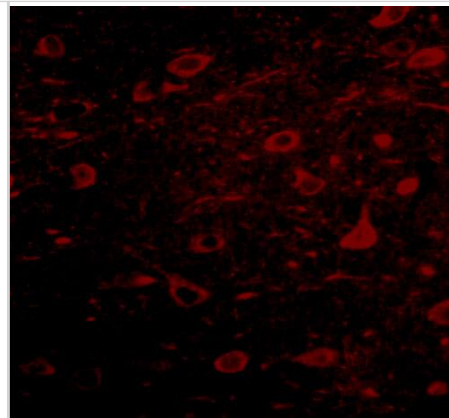
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml

Images

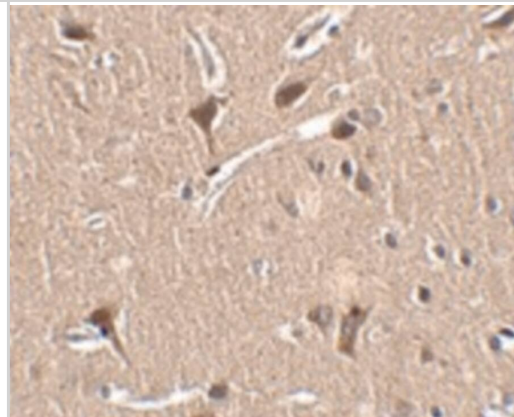
Western Blot: ZNF667 Antibody [NBP1-77357] - Analysis in human heart tissue lysate with antibody at 1 ug/mL.



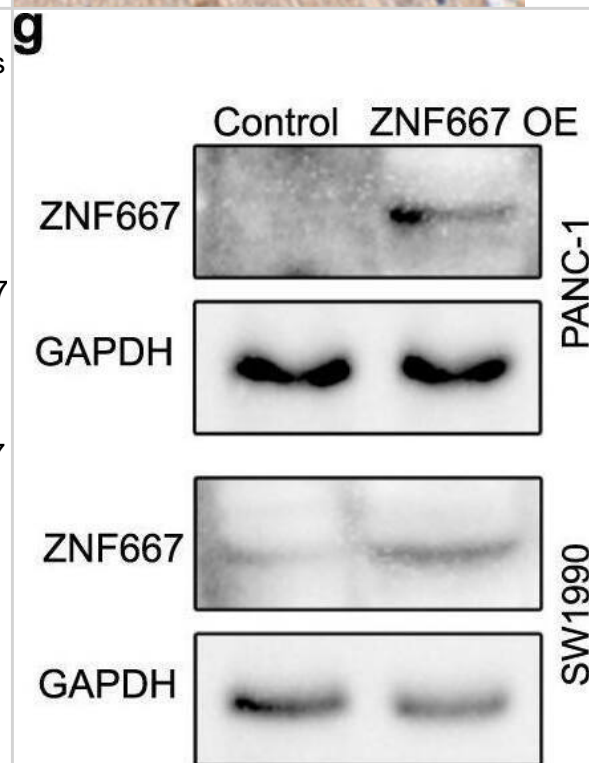
Immunocytochemistry/ Immunofluorescence: ZNF667 Antibody - BSA Free [NBP1-77357] - Immunofluorescence of MIPU in human brain tissue with MIPU antibody at 20 u/mL.



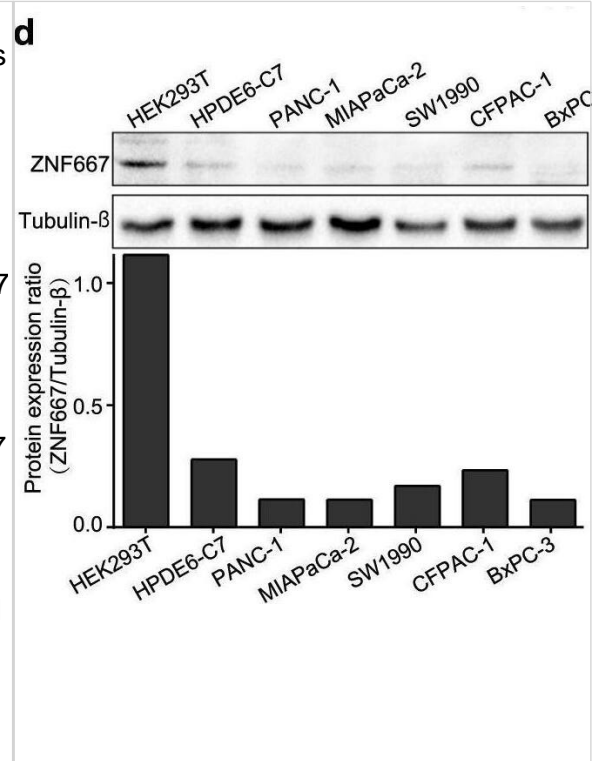
Immunohistochemistry: ZNF667 Antibody - BSA Free [NBP1-77357] - Immunohistochemistry of ZNF667 in human brain tissue with ZNF667 antibody at 2.5 ug/mL.



ZNF667 and ZNF667-AS1 as novel markers for prognosis in PDAC. a Immunohistochemistry of ZNF667 shows variations of abundance across patients using the tissue microarray analysis. b Overall survival and progression-free survival of self-collected PDAC patients grouped by the abundance of ZNF667. c Relative abundance of ZNF667 and ZNF667-AS1 to ACTB mRNA in normal pancreas cells (HPDE6-C7), human embryonic kidney cells (HEK293T), liver metastasis pancreas cancer cells (L3.7), and the pancreas cancer cells detected by RT-qPCR. All pancreas cancer cells showed a decreased level of ZNF667 and ZNF667-AS1. *P < 0.05; **P < 0.01. d Immunoblot showing the decreased abundance of ZNF667 in multiple pancreas cancer cell lines. The abundance was calculated at the bottom. e, f Validation of ZNF667 and ZNF667-AS1 overexpression (OE) in two pancreas cancer cell lines. **P < 0.01; ****P < 0.0001. g Immunoblot showing the abundance of ZNF667 in PANC-1 and SW1990 cells before and after overexpression. h, i Proliferation evaluation (CCK8-positive cell ratio) after ZNF667 and ZNF667-AS1 overexpression in two pancreas cancer cell lines. n = 3 for each time point. **P < 0.001; ****P < 0.00001. j Evaluation of cellular apoptosis after ZNF667-AS1 overexpression in two pancreas cancer cell lines. n.s., no significance. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35165277>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Publications

Fan X, Lu P, Wang H et al. Integrated single-cell multiomics analysis reveals novel candidate markers for prognosis in human pancreatic ductal adenocarcinoma Cell discovery 2022-02-15 [PMID: 35165277] (IF/IHC, WB, Human)



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Products Related to NBP1-77357

NBP1-77357PEP	ZNF667 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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