

Product Datasheet

GINS4 Antibody - BSA Free

NBP2-16659

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP2-16659

GINS4 Antibody - BSA Free

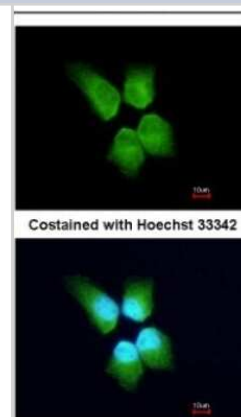
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Target Molecular Weight	26 kDa

Product Description	
Description	Novus Biologicals Rabbit GINS4 Antibody - BSA Free (NBP2-16659) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GINS4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84296
Gene Symbol	GINS4
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%), Bovine (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human GINS4. The exact sequence is proprietary.

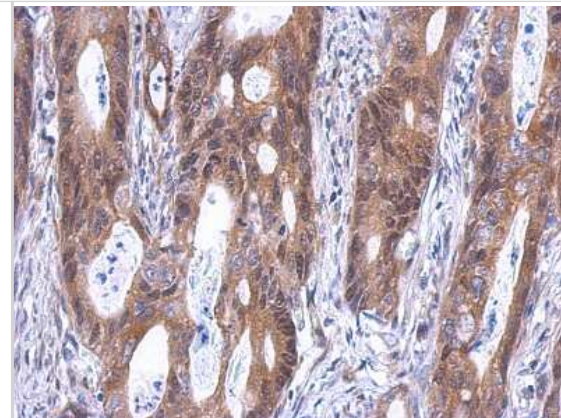
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

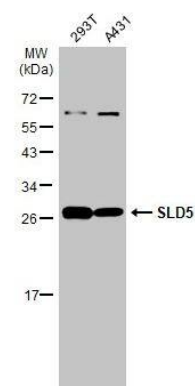
Immunocytochemistry/Immunofluorescence: GINS4 Antibody [NBP2-16659] - Immunofluorescence analysis of paraformaldehyde-fixed A431, using antibody at 1:200 dilution.



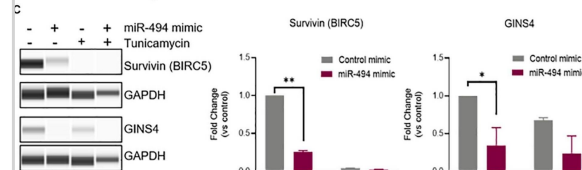
Immunohistochemistry-Paraffin: GINS4 Antibody [NBP2-16659] - Immunohistochemical analysis of paraffin-embedded gastric ca, using antibody at 1:500 dilution.



GINS4 Antibody [NBP2-16659] -Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with SLD5 antibody [N1C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



miR-494 regulates target genes in cell survival and DNA replication. (A) Venn diagram showing the number of downregulated target proteins in a Tandem Mass Tag labeled Mass Spectrometry profile from HUVECs treated with TCN or transfected with miR-494 compared to vehicle treatment or control miR respectively. (B) Fold-change (compared to respective controls) of protein or mRNA levels as assessed by Mass Spectrometry or qRT-PCR respectively for the six targets that were downregulated in both TCN and miR-494 groups. All six targets harbor miR-494 binding sites in their 3'UTRs. (C) Representative Simple Western blot showing survivin (BIRC5) and GINS4 levels in HUVECs 24 h after miR-494 transfection followed by TCN treatment (24 h). Right panels show quantitation of biological replicates. \square $P < 0.05$, $\square\square$ $P < 0.01$, by two-tailed Student's T-test. (D) Immunofluorescence images showing survivin expression in HUVECs 24 h after miR transfection and/or TCN treatment. Right panel shows quantification via ImageJ of survivin fluorescence intensity in each cell. Each dot represents individual cells. Scale bar in white = 50 μ m. \square $P < 0.05$, $\square\square$ $P < 0.01$, $\square\square\square$ $P < 0.001$ by one-way ANOVA with post hoc Tukey's correction. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/34322482>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Chatterjee N, Fraile-Bethencourt E, Baris A et al. MicroRNA-494 Regulates Endoplasmic Reticulum Stress in Endothelial Cells *Frontiers in Cell and Developmental Biology* 2021-07-12 [PMID: 34322482]

Anand S, Chatterjee N, Espinosa-Diez C A miR-494 dependent feedback loop regulates ER stress *BioRxiv* 2020-01-01 (ICC/IF, Human)



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Products Related to NBP2-16659

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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