

Product Datasheet

Snail Antibody - BSA Free NBP2-27293

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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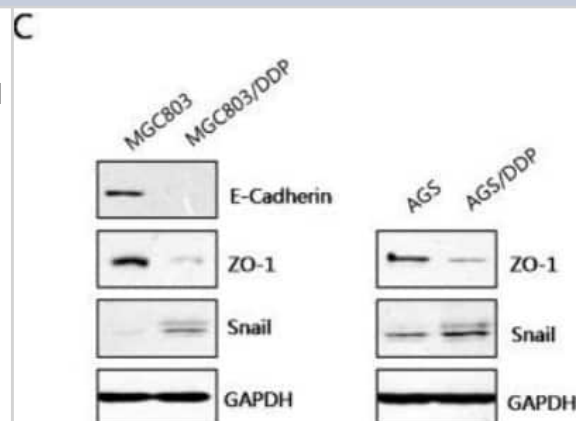
NBP2-27293

Snail Antibody - BSA Free

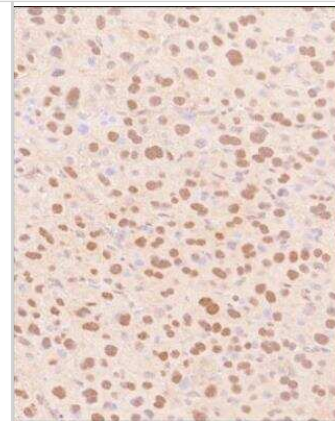
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene Symbol	SNAI1
Species	Human, Mouse
Reactivity Notes	The amino acid sequence used as immunogen is 61% homologous with human SNAI2 protein.
Immunogen	A portion of amino acids 1-60 of human SNAI1 was used as the immunogen.
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 2 ug/ml. Use reported in scientific literature (PMID 28260923), Simple Western 1:500, Immunohistochemistry 1:200. Use reported in scientific literature (PMID 30488343), Immunohistochemistry-Paraffin 1:200
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size.

Images

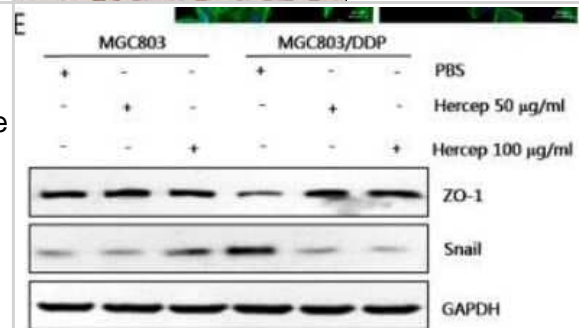
Western Blot: Snail Antibody [NBP2-27293] - Cisplatin-resistant gastric cancer cells exhibit an EMT-like phenotypic change. Epithelial marker E-cadherin, ZO1 and EMT-related transcription factor Snail were examined by Western blot. Image collected and cropped by CiteAb from the following publication (<http://www.nature.com/articles/srep20502>), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: Snail Antibody [NBP2-27293] - Analysis of a FFPE tissue section of mouse placenta using 1:200 dilution of SNAIL antibody. The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin.



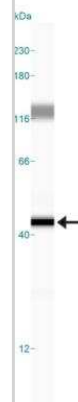
Western Blot: Snail Antibody [NBP2-27293] - HER2 is overexpressed and both Herceptin incubation and siRNAs against HER2 reversed the EMT in cisplatin-resistant gastric cancer cells. Effects of Herceptin on levels of ZO1 and Snail. Image collected and cropped by CiteAb from the following publication (<http://www.nature.com/articles/srep20502>), licensed under a CC-BY license.



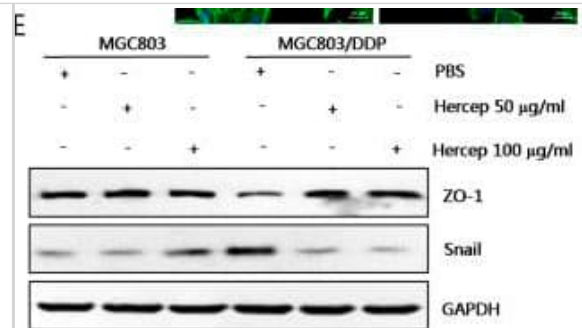
Immunohistochemistry-Paraffin: Snail Antibody [NBP2-27293] - Analysis of in FFPE human kidney tissue using this antibody at 5 µg/mL.



Simple Western: Snail Antibody [NBP2-27293] - Image shows a specific band for SNAIL in 0.5 mg/mL of MCF-7 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



NDRG2 interacts with GLUT1. (A) SK-BR-3 cells were fixed and incubated with primary antibodies against N-myc downstream-regulated gene 2 (NDRG2) or glucose transporter 1 (GLUT1) and with fluorescein isothiocyanate or a cyanine 3 secondary antibody. Green fluorescence indicates NDRG2 expression, red fluorescence indicates GLUT1 expression and blue fluorescence indicates nuclear staining. The results of the merged images reveal that NDRG2 and GLUT1 were colocalised in the cytoplasm. (B) Immunoprecipitation (IP) assays were performed with whole-cell lysates of SK-BR-3 cells pretreated with protein A-conjugated sepharose beads. Whole-cell lysates were probed for input. The antibodies for immunoprecipitation and Western blot (WB) analyses were carried out as indicated. The locations of various proteins are indicated by arrowheads. IgG, Immunoglobulin G. Image collected and cropped by CiteAb from the following open publication (<http://breast-cancer-research.biomedcentral.com/articles/10.1186/bcr3628>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Abrahamsson A, Rasti Borojani F, Naeimipour S et al. Matrix Stiffness Enhances Pro-Tumorigenic Traits of ER-Positive but not ER-Negative Breast Cancer in a Physiologically Relevant 3D Model SSRN 2023-08-17 (ICC/IF, Human)

Zhu X, Lu J, Rao J et al. Cross Talk between ST2 and Transforming Growth Factor- β Receptor Signaling Promotes Renal Fibrosis The American journal of pathology 2023-05-24 [PMID: 37236504]

Bychkov, ML;Kirichenko, AV;Mikhaylova, IN;Paramonov, AS;Yastremsky, EV;Kirpichnikov, MP;Shulepko, MA;Lyukmanova, EN; Extracellular Vesicles Derived from Acidified Metastatic Melanoma Cells Stimulate Growth, Migration, and Stemness of Normal Keratinocytes Biomedicines [PMID: 35327461] (WB, Human)

Jin JQ, Han JS, Ha J Et al. Lobeglitazone, A Peroxisome Proliferator-Activated Receptor-Gamma Agonist, Inhibits Papillary Thyroid Cancer Cell Migration and Invasion by Suppressing p38 MAPK Signaling Pathway Endocrinology and metabolism (Seoul, Korea) 2021-10-01 [PMID: 34645125] (WB, Human)

Lu R, Zhou Q, Ju L Et Al. Upregulation of TRIP13 promotes the malignant progression of lung cancer via the EMT pathway Oncology reports 2021-08-01 [PMID: 34184074] (WB)

Ponandai-Srinivasan S, Saare M, et al. Syndecan-1 modulates the invasive potential of endometrioma via TGF-beta signalling in a subgroup of women with endometriosis. Hum Reprod 2020-10-01 [PMID: 32897364] (Simple Western)

Meng L, Yue X, Zhou D, Li H Long non coding RNA OIP5 AS1 promotes metastasis of breast cancer via miR 340 5p/ZEB2 axis Oncol Rep 2020-08-10 [PMID: 32945479] (WB, Human)

He C, Plattner R, Rangnekar V et al. Potential protein markers for breast cancer recurrence: a retrospective cohort study. Cancer Causes Control. 2018-11-28 [PMID: 30488343] (IF/IHC, Human)

Wu J, Zhang Y, Cheng R et al. Expression of EMT regulators TWIST, SLUG, and SNAIL in follicular thyroid tumours may relate to widely invasive, poorly differentiated, and distant metastasis. Histopathology. 2018-10-28 [PMID: 30368884] (IF/IHC, Human)

Wang Y, Sun J, Wei X et al. Decrease of miR-622 expression suppresses migration and invasion by targeting regulation of DYRK2 in colorectal cancer cells. Onco Targets Ther. 2017-03-06 [PMID: 28260923] (WB, Human)

Huang D, Duan H, Huang H et al. Cisplatin resistance in gastric cancer cells is associated with HER2 upregulation-induced epithelial-mesenchymal transition. Sci Rep 2016-02-05 [PMID: 26846307] (WB, IHC-P, Human)



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Products Related to NBP2-27293

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-29626PEP	Snail Antibody Blocking Peptide

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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