

Datasheet for ABIN388809
anti-SNAIL antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	SNAIL (SNAI1)
Binding Specificity:	AA 9-39, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNAIL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SNAI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-39 amino acids from the N-terminal region of human SNAI1.
Clone:	RB01400
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SNAIL (SNAI1)
Alternative Name:	SNAI1 (SNAI1 Products)

Target Details

Background:	The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo.
Molecular Weight:	29083
NCBI Accession:	NP_005976
UniProt:	O95863
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots.
Expiry Date:	6 months

Publications

Product cited in:	Chiu, Wen, Wang, Hsu, Tsai, Hung, Tseng, Shyr: "Role of estrogen receptors and Src signaling in mechanisms of bone metastasis by estrogen receptor positive breast cancers." in: Journal of translational medicine , Vol. 15, Issue 1, pp. 97, (2018) (PubMed).
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Gil, Ciołczyk-Wierzbicka, Dulińska-Litewka, Laidler: "Integrin-linked kinase regulates cadherin switch in bladder cancer." in: **Tumour biology**, Vol. 37, Issue 11, pp. 15185-15191, (2017) ([PubMed](#)).

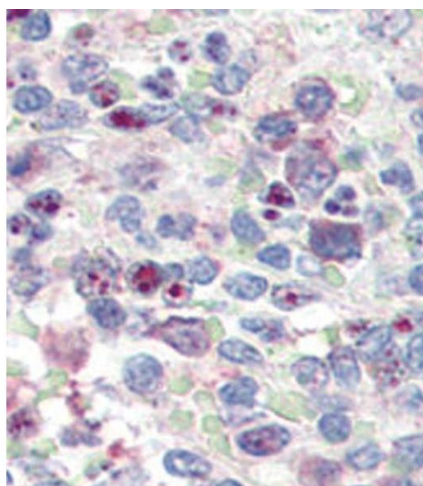
Ishikawa, Sreekumar, Spee, Nazari, Zhu, Kannan, Hinton: "αB-Crystallin Regulates Subretinal Fibrosis by Modulation of Epithelial-Mesenchymal Transition." in: **The American journal of pathology**, Vol. 186, Issue 4, pp. 859-73, (2016) ([PubMed](#)).

Nakamura, Nishikawa, Saito, Sakai, Sasaki, Hashimoto, Okamoto, Suehiro, Yamasaki, Sakaida: "Decitabine inhibits tumor cell proliferation and up-regulates e-cadherin expression in Epstein-Barr virus-associated gastric cancer." in: **Journal of medical virology**, (2016) ([PubMed](#)).

Wei, Zhang, Wang, Li, Wang, Sun, Shen, Yang, Zhou, Du: "FOXM1 promotes lung adenocarcinoma invasion and metastasis by upregulating SNAIL." in: **International journal of biological sciences**, Vol. 11, Issue 2, pp. 186-98, (2015) ([PubMed](#)).

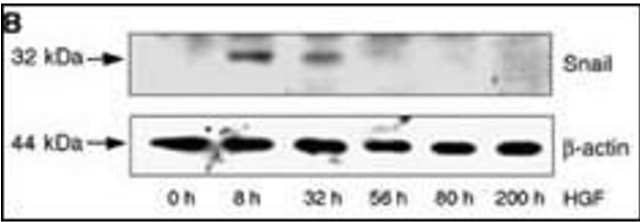
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Images



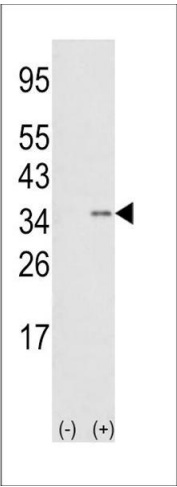
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human Spleen tissue reacted with SNAI1 antibody (N-term D24) (ABIN388809 and ABIN2850429) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. HepG2 cells were incubated with HGF for the time periods indicated. LiCl and M were added 8 h before lysis of the cells. Snai1 protein levels and beta actin as loading control were analyzed by WB.



Western Blotting

Image 3. Western blot analysis of SNAI1 (arrow) using rabbit polyclonal hSNAI1-D24 (ABIN388809 and ABIN2850429). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected with the SNAI1 gene (Lane 2).