

Datasheet for ABIN6148175
anti-SNAIL antibody (AA 1-264)[Go to Product page](#)

4 Images

2 Publications

Overview

Quantity:	100 µL
Target:	SNAIL (SNAI1)
Binding Specificity:	AA 1-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-264 of human Snail (NP_005976.2).
Sequence:	MPRSFLVRKP SDPNRKPNYS ELQDSNPEFT FQQPYDQAH LAAIPPPEIL NPTASLPMLI WDSVLAPQAQ PIAWASLRLQ ESPRVAELTS LSDEDSGKGS QPPSPSPAP SSFSSTSVSS LEAEAYAAFP GLGQVPKQLA QLSEAKDLQA RKAFNCKYCN KEYLSLGALK MHIRSHTLPC VCGTCGKA FS RPWLLQGHVR THTGEKPFSC PHCSRAFADR SNLRAHLQTH SDVKKYQCQA CARTFSRMSL LHKHQESGCS GCPR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SNAIL (SNAI1)
Alternative Name:	SNAI1 (SNAI1 Products)
Background:	<p>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. At least two variants of a similar processed pseudogene have been found on chromosome</p> <p>2.,SNAI1,SLUGH2,SNA,SNAH,SNAIL,SNAIL1,dJ710H13.1,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Cardiovascular,Heart,Cardiogenesis,SNAI1</p>
Molecular Weight:	29 kDa
Gene ID:	6615
UniProt:	O95863
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

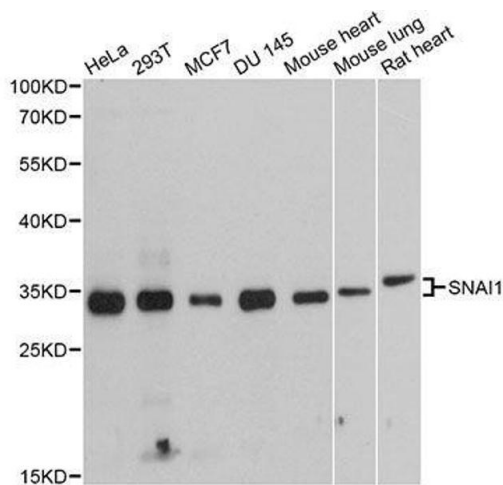
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in:	Mei, Xiang, Cong, Zhang, Li, Yi, Park, Han, Wu, Yu: "Claudin-3 is required for modulation of
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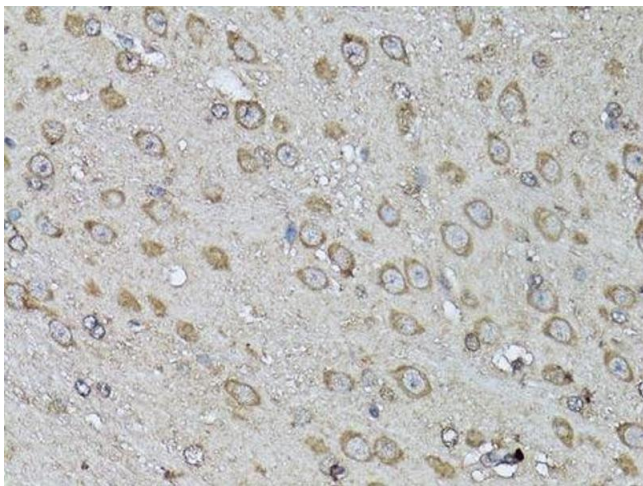
paracellular permeability by TNF- α through ERK1/2/sluc signaling axis in submandibular gland." in: **Cellular signalling**, Vol. 27, Issue 10, pp. 1915-27, (2016) ([PubMed](#)).

Wang, Li, Chen, Tan, Sun, Xia, Li, Yu, Gong, Tang, Ji, Yuan, Shanglong Yao, Shang: "Maresin 1 Inhibits Epithelial-to-Mesenchymal Transition in Vitro and Attenuates Bleomycin Induced Lung Fibrosis in Vivo." in: **Shock (Augusta, Ga.)**, Vol. 44, Issue 5, pp. 496-502, (2016) ([PubMed](#)).



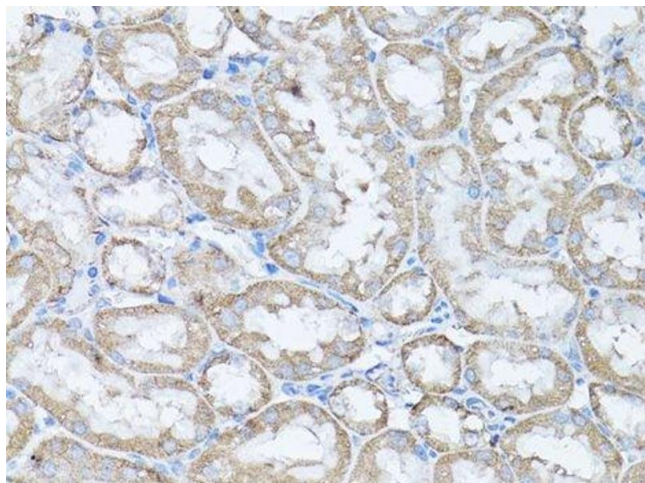
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SNAI1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded mouse brain using SNAI1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat kidney using SNAI1 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6148175.