Datasheet for ABIN542887

anti-SNAIL antibody (AA 9-39)

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Overview

Quantity:	400 µL
Target:	SNAIL (SNAI1)
Binding Specificity:	AA 9-39
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

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of SNAI1.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to amino acids 9-39 at the N-terminus of human SNAI1.
Cross-Reactivity:	Human

Target Details

Target:	SNAIL (SNAI1)
Alternative Name:	SNAI1 (SNAI1 Products)
Gene ID:	6615
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

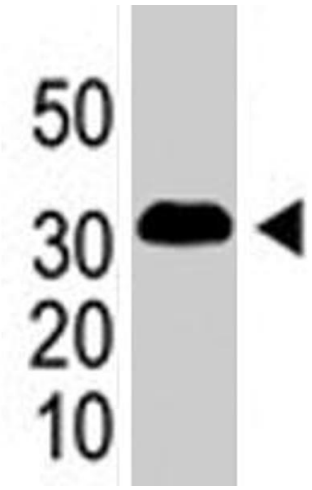
Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Kihara, Wakana, Kubota, Kitagawa: "SLUG expression is an indicator of tumour recurrence in high-grade endometrial carcinomas." in: **Histopathology**, Vol. 69, Issue 3, pp. 374-82, (2016) (PubMed). Yang, Zhang, Zhou, Jiang, Shen: "Transcription factor Snai1-1 induces osteosarcoma invasion and metastasis by inhibiting E-cadherin expression." in: **Oncology letters**, Vol. 8, Issue 1, pp. 193-197, (2014) (PubMed). Liao, Siu, Au, Wong, Chan, Ip, Ngan, Cheung: "Aberrant activation of hedgehog signaling pathway in ovarian cancers: effect on prognosis, cell invasion and differentiation." in: **Carcinogenesis**, Vol. 30, Issue 1, pp. 131-40, (2009) (PubMed). Wu, Evers, Zhou: "Small C-terminal domain phosphatase enhances snail activity through dephosphorylation." in: **The Journal of biological chemistry**, Vol. 284, Issue 1, pp. 640-8, (2008) (PubMed). Kato, Shimmura, Kawakita, Miyashita, Ogawa, Yoshida, Higa, Okano, Tsubota: "Beta-catenin

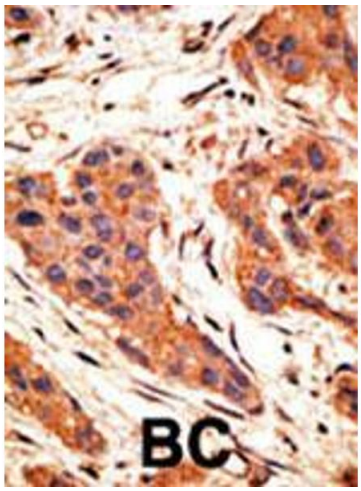
activation and epithelial-mesenchymal transition in the pathogenesis of pterygium." in: **Investigative ophthalmology & visual science**, Vol. 48, Issue 4, pp. 1511-7, (2007) (PubMed).

Images



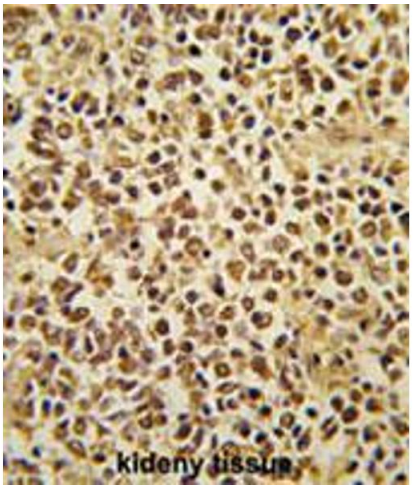
Western Blotting

Image 1. The SNAI1 polyclonal antibody is used in Western blot to detect SNAI1 in SNAI1-293 cells (flag-tagged) . Data is kindly provided by Stefan Grotegut from University of Basel (Switzerland) .



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human breast cancer tissue reacted with SNAI1 polyclonal antibody , 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.



Immunohistochemistry

Image 3. Formalin-fixed and paraffin-embedded human kidney tissue reacted with SNAI1 polyclonal antibody , 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.