

Datasheet for ABIN7138508
anti-SNAIL antibody (pSer246)



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2 Images

Overview

Quantity:	100 µL
Target:	SNAIL (SNAI1)
Binding Specificity:	pSer246
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNAIL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 246(T-F-S(p)-R-M) derived from Human SNAI1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

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

Target Details

Background:	Background: Involved in induction of the epithelial to mesenchymal transition (EMT), formation and maintenance of embryonic mesoderm, growth arrest, survival and cell migration. Binds to 3 E-boxes of the E-cadherin/CDH1 gene promoter and to the promoters of CLDN7 and KRT8 and, in association with histone demethylase KDM1A which it recruits to the promoters, causes a decrease in dimethylated H3K4 levels and represses transcription. Associates with EGR1 and SP1 to mediate tetradecanoyl phorbol acetate (TPA)-induced up-regulation of CDKN2B, possibly by binding to the CDKN2B promoter region 5'-TCACA-3. In addition, may also activate the CDKN2B promoter by itself. Okubo T., Cancer Res. 61:1338-1346(2001). Twigg S.R., Hum. Genet. 105:320-326(1999). Paznekas W.A., Genomics 62:42-49(1999). Aliases: dJ710H13.1 antibody, Protein sna antibody, Protein snail homolog 1 antibody, Protein snail homolog antibody, SLUGH2 antibody, SNA antibody, Sna protein antibody, SNAH antibody, SNAI antibody, snai1 antibody, SNAI1_HUMAN antibody, Snail 1 homolog antibody, Snail 1 zinc finger protein antibody, SNAIL antibody, Snail family transcriptional repressor 1 antibody, Snail homolog 1 (Drosophila) antibody, SNAIL, Drosophila, homolog of, 1 antibody, SNAIL1 antibody, Zinc finger protein SNAI1 antibody
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UniProt:	O95863
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB:1:500-1:1000, IF:1:100-1:200,
Restrictions:	For Research Use only

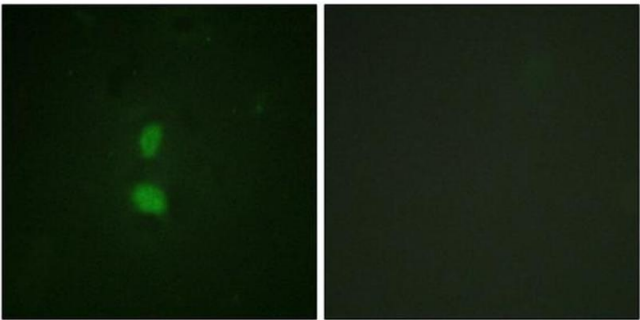
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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

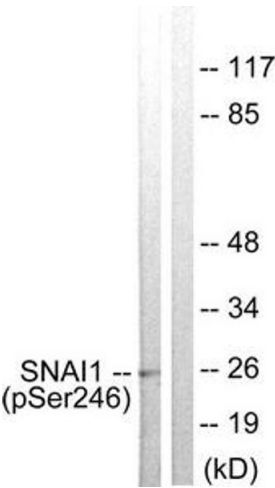
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of methanol-fixed HuvEc cells using SNAI1 (Phospho-Ser246) Antibody.



Western Blotting

Image 2. Western blot analysis of extracts from HT29 cells using SNAI1 (Phospho-Ser246) Antibody. The lane on the right is treated with the antigen-specific peptide.