

## Anti-SNAI1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

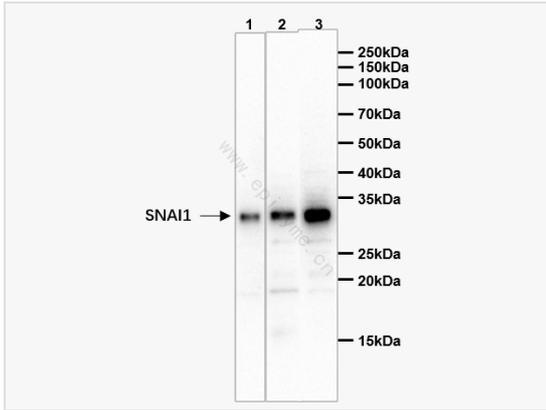
Catalog # R013727

### Product Information

Application	IF (Cell)/ICC, WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	29D34F31
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human SNAI1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SNAI1 Rabbit mAb [29D34F31] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	SNA, SNAH, SNAIL, SLUGH2, SNAIL1, dJ710H13.1, Zinc finger protein SNAI1, SNAI1, Protein snail homolog 1 (Protein sna).
Calculated MW	30 kDa
Uniprot ID	O95863
Gene ID	6615
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. At least two variants of a similar processed pseudogene have been found on chromosome 2. [provided by RefSeq, Jul 2008]



Western Blot - Anti-SNAI1 Rabbit mAb [29D34F31]

All lanes: R013727 at 1:1,000 dilution

Lane 1: MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 3: SW620 (human colorectal carcinoma epithelial cell) whole cell lysates

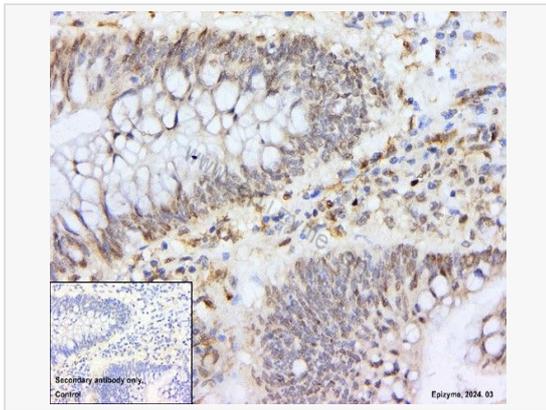
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 30 kDa

Observed band size: 30 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-SNAI1 Rabbit mAb [29D34F31]

Sample: Paraformaldehyde-fixed, paraffin embedded human colorectal carcinoma tissue  
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013727 at 1:200 dilution

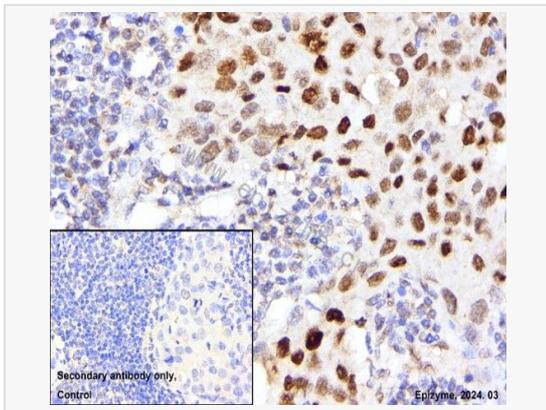
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-SNAI1 Rabbit mAb [29D34F31]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue  
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013727 at 1:200 dilution

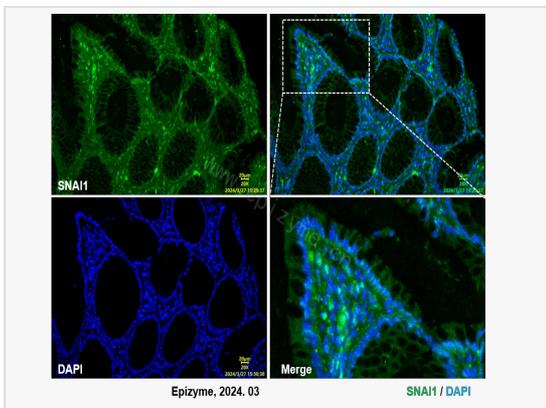
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



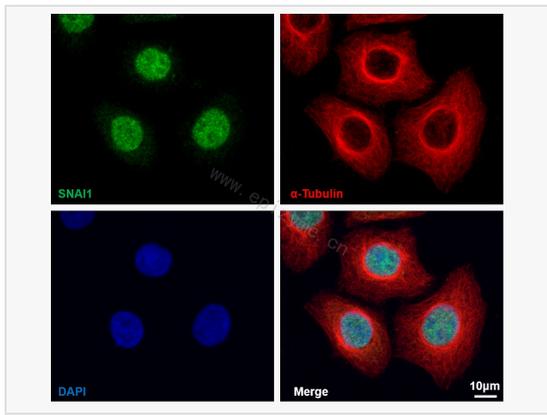
Immunofluorescence - Anti-SNAI1 Rabbit mAb [29D34F31]

Sample: Paraformaldehyde-fixed, paraffin embedded human colorectal carcinoma tissue  
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013727 at 1:100 dilution

Secondary antibody: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green)

Nuclei were stained with DAPI (shown in blue).



#### Immunofluorescence - Anti-SNAI1 Rabbit mAb [29D34F31]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R013727 at 1:100 dilution and  $\alpha$ -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (CY3) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).