

## SNAI 1 (Phospho Ser246) Rabbit pAb

CatalogNo: YP0568

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Monkey

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 29kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**IF 1:200-1:1000**

**ELISA 1:5000**

**Not yet tested in other applications.**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human SNAI1 around the phosphorylation site of Ser246. AA range:215-264

## Specificity

Phospho-SNAI 1 (S246) Polyclonal Antibody detects endogenous levels of SNAI 1 protein only when phosphorylated at S246. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):TFsRM

## Target Information

**Gene name** SNAI1

**Protein Name** Zinc finger protein SNAI1 (snail)

Organism	Gene ID	UniProt ID
Human	<a href="#">6615;</a>	<a href="#">O95863;</a>
Mouse	<a href="#">20613;</a>	<a href="#">Q02085;</a>

### Cellular Localization

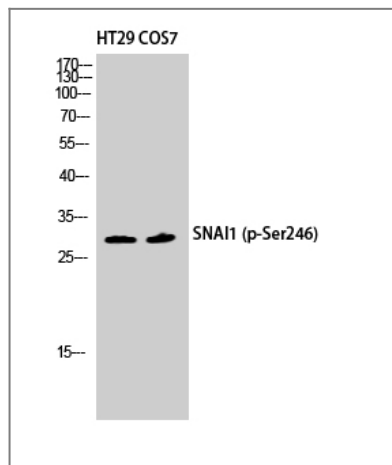
Nucleus . Cytoplasm . Once phosphorylated (probably on Ser-107 , Ser-111 , Ser-115 and Ser-119) it is exported from the nucleus to the cytoplasm where subsequent phosphorylation of the destruction motif and ubiquitination involving BTRC occurs. .

**Tissue specificity** Expressed in a variety of tissues with the highest expression in kidney. Expressed in mesenchymal and epithelial cell lines.

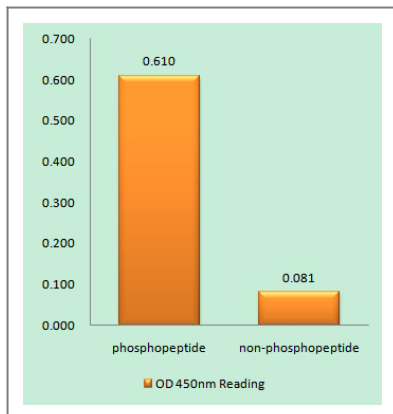
### Function

Function: Seems to be involved in embryonic mesoderm formation. Binds to 3 E-boxes of the E-cadherin gene promoter and represses its transcription. ,similarity: Belongs to the snail C2H2-type zinc-finger protein family. ,similarity: Contains 4 C2H2-type zinc fingers. ,tissue specificity: Expressed in a variety of tissues with the highest expression in kidney. ,

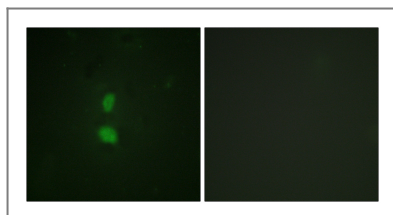
## Validation Data



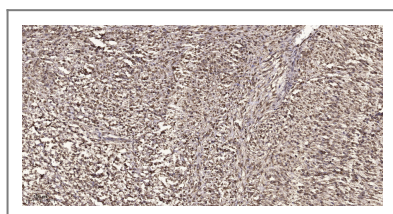
Western Blot analysis of HT29 COS7 cells using Phospho-SNAI 1 (S246) Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotech, MN, USA).



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using SNAI1 (Phospho-Ser246) Antibody



Immunofluorescence analysis of HUVEC cells, using SNAI1 (Phospho-Ser246) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1, primary Antibody was diluted at 1:200 (4°C overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200

## Contact information

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Please scan the QR code to access additional product information:  
**SNAI 1 (Phospho Ser246) Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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