

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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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	6615;	O95863;
Mouse	20613;	Q02085;

Cellular Localization

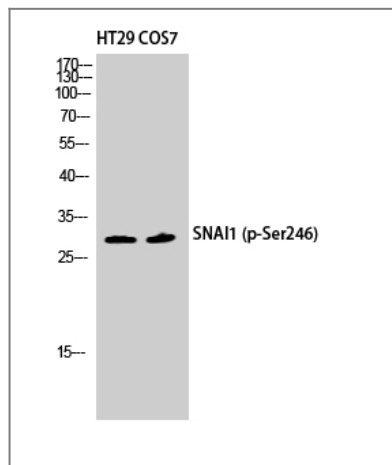
Nucleus . Cytoplasm . Once phosphorylated (probably on Ser-107, Ser-111, Ser-115 and Ser-119) it is exported from the nucleus to the cytoplasm where subsequent phosphorylation of the destruction motif and ubiquitination involving BTRC occurs. .

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

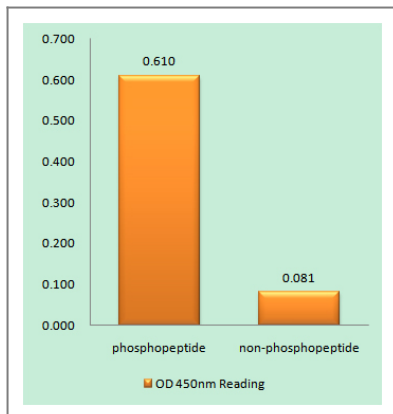
Function

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.,

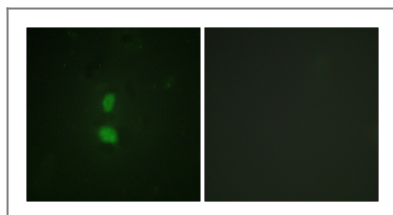
Validation Data



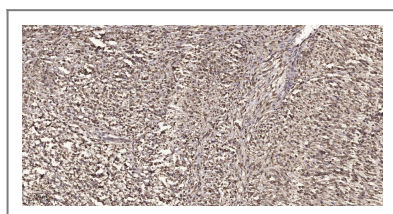
Western Blot analysis of HT29 COS7 cells using Phospho-SNAI 1 (S246) Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



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

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