Product Name: SNAI1 Rabbit Polyclonal Antibody
Catalog #: APRab03386

Summary

Production Name	SNAI1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	SNAI1
Alternative Names	SNAH; Zinc finger protein SNAI1; Protein snail homolog 1; Protein sna
Gene ID	6615
SwissProt ID	O95863

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 29 kDa; Observed MW: 29 kDa

Background

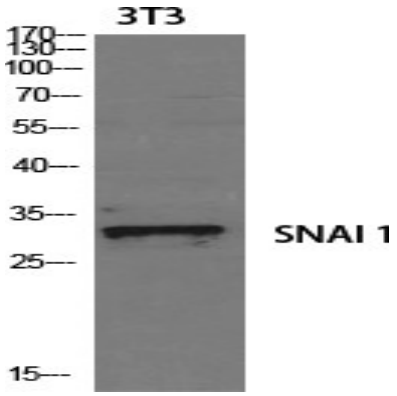
Snail is a zinc-finger transcription factor that can repress E-cadherin transcription. Downregulation of E-cadherin is

associated with epithelial-mesenchymal transition during embryonic development, a process also exploited by invasive cancer cells . Indeed, loss of E-cadherin expression is correlated with the invasive properties of some tumors and there is a considerable inverse correlation between Snail and E-cadherin mRNA levels in epithelial tumor cell lines . In addition, Snail blocks the cell cycle and confers resistance to cell death . Phosphorylation of Snail by GSK-3 and PAK1 regulates its stability, cellular localization and function .Tissue specificity: Expressed in a variety of tissues with the highest expression in kidney.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of SNAI1 in 3T3 lysates using SNAI1 antibody.

Note

For research use only.