产品名称：SNAI1 Rabbit Polyclonal Antibody
产品货号：APRab03386

产品概述（Summary）

产品名称（Production Name）	SNAI1 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ICC/IF,ELISA
种属反应性（Reactivity）	Human,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	SNAI1
别名（Alternative Names）	SNAH; Zinc finger protein SNAI1; Protein snail homolog 1; Protein sna
基因 ID（Gene ID）	6615
蛋白 ID（SwissProt ID）	O95863.

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量（Molecular Weight）	Calculated MW: 29 kDa; Observed MW: 29 kDa

研究背景（Background）

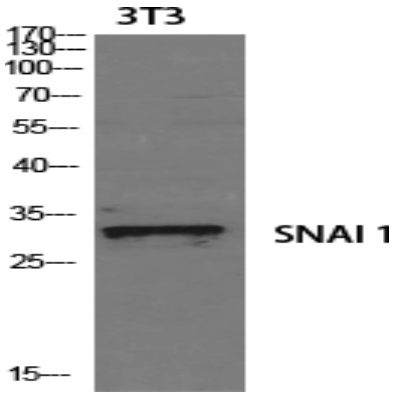
Snail is a zinc-finger transcription factor that can repress E-cadherin transcription. Downregulation of E-cadherin is

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.

研究领域（Research Area）

Epigenetics and Nuclear Signaling

图片（Image Data）



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

注意事项（Note）

For research use only .