

Anti-SNAIL Rabbit pAb



WL01863

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-SNAIL Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	Western blot	1:1000-1:2000	
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>		
Molecular Wt.	29 kDa		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

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.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of SNAIL.

Purification

Polyclonal antibody was purified by protein A affinity chromatography.

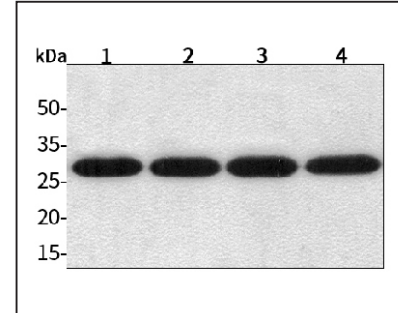
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Product Images



Western blot-Anti-SNAIL pAb

Lane 1: Human HepG2 cell lysate 24µg
 Lane 2: Human Hela cell lysate 24µg
 Lane 3: Human BGC-823 cell lysate 24µg
 Lane 4: Human MGC-803 cell lysate 24µg

Separation gel: 13% polyacrylamide

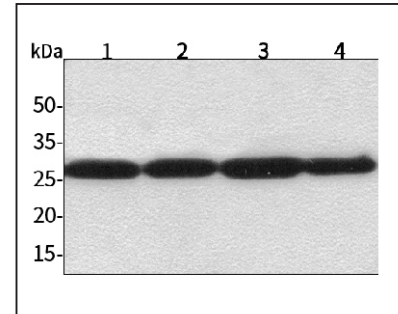
Electrophoresis: 100V, 4°C, 3h

Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking

Primary antibody: 1:1000 in blocking buffer, 4°C, overnight

Visualization: ECL, 30s-2min



Western blot-Anti-SNAIL pAb

Lane 1: Mouse stomach tissue lysate 24µg
 Lane 2: Mouse kidney tissue lysate 24µg
 Lane 3: Rat colon tissue lysate 24µg
 Lane 4: Rat liver tissue lysate 24µg

Separation gel: 13% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking

Primary antibody: 1:1000 in blocking buffer, 4°C, overnight

Visualization: ECL, 30s-2min