

For Research Use Only

# SNAI2/SLUG Polyclonal antibody

Catalog Number: 12129-1-AP

136 Publications



## Basic Information

<b>Catalog Number:</b> 12129-1-AP	<b>GenBank Accession Number:</b> BC015895	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6591	<b>Recommended Dilutions:</b> WB 1:5000-1:20000
<b>Source:</b> Rabbit	<b>Full Name:</b> snail homolog 2 (Drosophila)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 268 aa, 30 kDa	
<b>Immunogen Catalog Number:</b> AG2773	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> FC, WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, mouse brain tissue, rat heart tissue, mouse spleen tissue
<b>Cited Applications:</b> ChIP, IF, IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, zebrafish	

## Background Information

SNAI2 belongs to the Snail family of zinc finger transcription factors, which shares an evolutionarily conserved role in mesoderm formation in vertebrates and invertebrates. It triggers epithelial-mesenchymal transitions and has a crucial role in developmental processes. Also it is a transcriptional repressor in mediating RAF-induced expression of TJ protein, occludin(OCN) and subsequent oncogenic transformation of epithelial cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yong Chen	36224027	Front Biosci (Landmark Ed)	WB
Xinxin Zhang	32980450	Gene	WB
Rongkun Li	34568024	Front Oncol	WB

## Storage

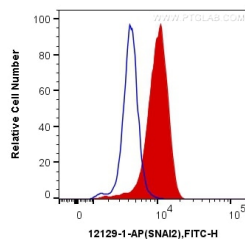
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

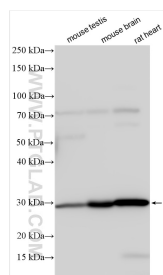
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## Selected Validation Data



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.2 ug Anti-Human SNAI2 (12129-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Various lysates were subjected to SDS PAGE followed by western blot with 12129-1-AP (SNAI2/SLUG antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.