

For Research Use Only

# SNAI2/SLUG Recombinant antibody

Catalog Number: 82755-3-RR



## Basic Information

<b>Catalog Number:</b> 82755-3-RR	<b>GenBank Accession Number:</b> BC015895	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6591	<b>CloneNo.:</b> 250290A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O43623	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000 IF/ICC: 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> snail homolog 2 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG2773	<b>Calculated MW:</b> 268 aa, 30 kDa	
	<b>Observed MW:</b> 30-35 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse spleen tissue, rat spleen tissue, rat testis tissue <b>IF/ICC :</b> A431 cells,

## 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 (OCLN) and subsequent oncogenic transformation of epithelial cells.

## Storage

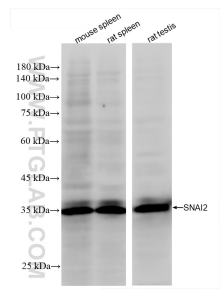
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

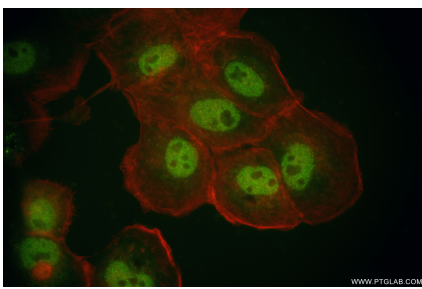
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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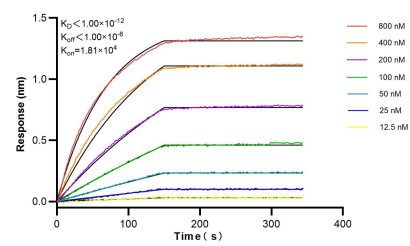
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82755-3-RR (SNAI2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using SNAI2 antibody (82755-3-RR, Clone: 250290A2 ) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 82755-3-RR against Human SNAI2/SLUG were performed. The affinity constant is below 1 pM.