

# SNAI1 Recombinant antibody, PBS Only

Catalog Number: 82214-2-PBS

## Basic Information

Catalog Number:	82214-2-PBS	GenBank Accession Number:	BC012910	Purification Method:	Protein A purification
Size:	1mg/ml	GeneID (NCBI):	6615	CloneNo.:	230035C9
Source:	Rabbit	UNIPROT ID:	O95863		
Isotype:	IgG	Full Name:	snail homolog 1 (Drosophila)		
Immunogen Catalog Number:	AG3723	Calculated MW:	264 aa, 29 kDa		
		Observed MW:	35 kDa		

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
Human

## Background Information

SNAI1, a member of SNAI1 family of protein, participates in the epithelial to mesenchymal transition (EMT) and formation and maintenance of embryonic mesoderm. The snail family share a common structural, that a highly conserved C-terminal region containing a zinc finger transcription factor. SNAI1 interacts with other corepressor, such as Ajuba, PRMT5 and SIN3a or HDAC1 and 2, to repress the target gene. As the phosphorylation modification of SNAI1 protein, the range of molecular weight of SNAI1 is about 25-30 kDa (PMID: 22276203). Once phosphorylated (probably on Ser-107, Ser-111, Ser-115 and Ser-119) it is exported from the nucleus to the cytoplasm where subsequent phosphorylation of the destruction motif and ubiquitination involving BTRC occurs.

## Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

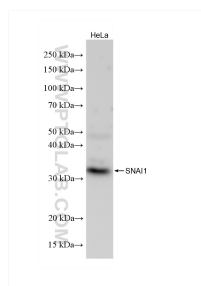
For technical support and original validation data for this product please contact:

T: 4006900926

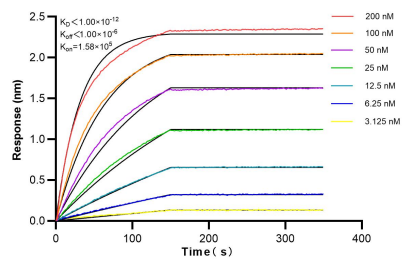
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 82214-2-RR (SNAI1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82214-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82214-2-RR against Human SNAI1 were performed. The affinity constant is below 1 pM.