

For Research Use Only

SNAI1 Polyclonal antibody

Catalog Number: 26183-1-AP **21 Publications**



Basic Information

Catalog Number: 26183-1-AP	GenBank Accession Number: BC012910	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 6615	Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: O95863	
Isotype: IgG	Full Name: snail homolog 1 (Drosophila)	
Immunogen Catalog Number: AG24248	Calculated MW: 264 aa, 29 kDa	
	Observed MW: 29-35 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls: WB : HeLa cells, NIH/3T3 cells, PC-3 cells IF : HeLa cells,
Cited Applications: WB, IP, IF, IHC, CoIP	
Species Specificity: human, mouse	
Cited Species: human, mouse	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Huizhu Liu	28983614	Mol Med Rep	WB
Jingjing Wu	29077259	J Cell Mol Med	WB
Fan Feng	36284444	Cancer Med	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

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

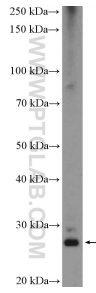
T: 4006900926

E: Proteintech-CN@ptglab.com

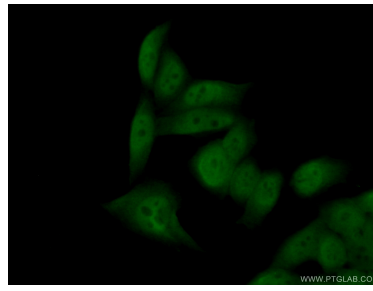
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 26183-1-AP (SNAI1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 26183-1-AP (SNAI1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).