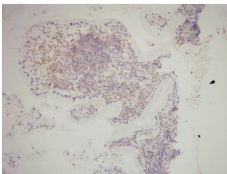


SNAI2 Ab

[References\(3\)](#) [Images\(10\)](#)

Cat.#: DF6202	Concn.: ~1mg/ml	Mol.Wt.: 30kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human SNAI2, corresponding to a region within the internal amino acids.	
Uniprot:	O43623	
Description:	Slug (SNAI2) is a widely expressed transcriptional repressor and member of the Snail family of zinc finger transcription factors . Similar to the related Snail protein, Slug binds to the E-cadherin promoter region to repress transcription during development . The binding of Slug to integrin promoter sequences represses integrin expression and results in reduced cell adhesion . Down regulation of E-cadherin expression occurs during the epithelial-mesenchymal transition during embryonic development, a process also exploited by invasive cancer cells (4,5). The tumor suppressor protein p53 induces Slug expression in ?-irradiated cells; Slug protects damaged cells from apoptosis by repressing p53-induced transcription of the proapoptotic Bcl-2 family protein Puma .	



DF6202 at 1/100 staining human cervical carcinoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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