Anti-SNAI2 Antibody

Data

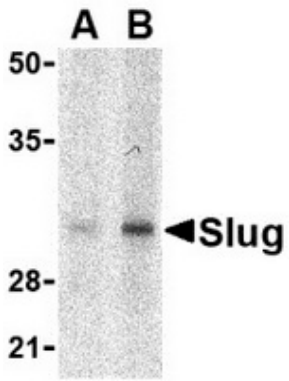
Immunogen	Slug antibody was raised against a 14 amino acid peptide from near the center of human Slug .		
Clone Name		**Isotype**	IgG
Species Reactivity	Human, Mouse	**Concentration**	1mg/ml
Guaranteed Application *	WB	**Suggested Dilutions**	WB: 1 - 2 ug/ml
Buffer	PBS containing 0.02% sodium azide.		
Purification	Affinity chromatography purified via peptide column		

Reference Data

Target Name	Homo sapiens snail family zinc finger 2 (SNAI2)
Alternative Name	SLUG; SLUGH1; SNAIL2; WS2D
Database Link	NP_003059 Entrez Gene 6591 Human Entrez Gene 20583 Mouse
Function	Slug, a member of the Snail family of C2H2-type zinc finger transcription factors, was initially identified to be involved in epithelial-mesenchymal transitions as well as the formation of the neural tube during vertebrate embryogenesis. Like Snail, Slug transcription can be induced by growth factors such as FGF, BMP, and TGF-beta. Once expressed, Slug will bind E-box regions of promoters and repress transcription of genes such as E-cadherin and Claudin-1. More recently, its expression in breast, esophogeal, and colorectal carcinomas has been correlated with poor prognosis for survival. Furthermore, Slug can protect hemapoietic progenitor cells from radiation-induced apoptosis by repressing the p53-mediated transcription of Puma, a BH3-only antagonist of the anti-apoptotic members of the Bcl-2 family. Slug antibody has no cross-reactivity to Snail protein.
Related Pathway	Transcription FactorsDruggable GenomeAdherens junction

* Availability is in business days
* OriGene provides validated application data and protocol, with money back guarantee.

WB Image



Western blot analysis of Slug in human kidney cell lysate with Slug antibody at in (A) 1 and (B) 2 µg/ml.

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