

SNAI2 (phospho S155/S158/S160/Y164/Y169) polyclonal antibody

Catalog # PAB15927

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of SNAI2.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S155/S158/S160/Y164/Y169 of human SNAI2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — SNAI2

Entrez GeneID [6591](#)

Gene Name	SNAI2
Gene Alias	MGC10182, SLUG, SLUGH1, WS2D
Gene Description	snail homolog 2 (Drosophila)
Omim ID	172800 602150 608890
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. Mutations in this gene may be associated with sporadic cases of neural tube defects. [provided by RefSeq]
Other Designations	OTTHUMP00000195093 neural crest transcription factor SLUG slug (chicken homolog), zinc finger protein slug homolog, zinc finger protein snail 2

Publication Reference

- [Snail2 cooperates with Snail1 in the repression of vitamin D receptor in colon cancer.](#)

Larriba MJ, Martin-Villar E, Garcia JM, Pereira F, Pena C, de Herreros AG, Bonilla F, Munoz A.
Carcinogenesis 2009 Jun; 30(8):1459.

- [p53 controls cancer cell invasion by inducing the MDM2-mediated degradation of Slug.](#)

Wang SP, Wang WL, Chang YL, Wu CT, Chao YC, Kao SH, Yuan A, Lin CW, Yang SC, Chan WK, Li KC, Hong TM, Yang PC.
Nature Cell Biology 2009 May; 11(6):694.

- [Requirement of the Akt/beta-catenin pathway for uterine carcinosarcoma genesis, modulating E-cadherin expression through the transactivation of slug.](#)

Saegusa M, Hashimura M, Kuwata T, Okayasu I.
The American Journal of Pathology 2009 Apr; 174(6):2107.

Pathway

- [Adherens junction](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)