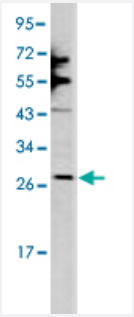
SNAI1 polyclonal antibody

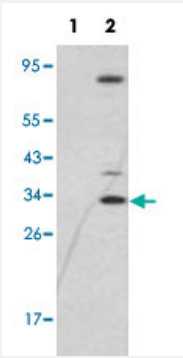
Catalog # PAB1925 Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of NCI-H460 cell lysate (35 ug/lane) with SNAI1 polyclonal antibody (Cat # PAB1925).



Western Blot (Transfected lysate)

Western blot analysis of SNAI1 (arrow) using SNAI1 polyclonal antibody (Cat # PAB1925).
293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SNAI1 gene (Lane 2).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SNAI1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human SNAI1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation

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Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of NCI-H460 cell lysate (35 ug/lane) with SNAI1 polyclonal antibody (Cat # PAB1925).

- Western Blot (Transfected lysate)

  Western blot analysis of SNAI1 (arrow) using SNAI1 polyclonal antibody (Cat # PAB1925).
  293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SNAI1 gene (Lane 2).

Gene Info — SNAI1

Entrez GeneID	6615
Protein Accession#	NP_005976;O95863
Gene Name	SNAI1
Gene Alias	SLUGH2, SNA, SNAH, dJ710H13.1
Gene Description	snail homolog 1 (Drosophila)
Omim ID	604238
Gene Ontology	Hyperlink
Gene Summary	The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregul ates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by th is gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for m esoderm formation in the developing embryo. At least two variants of a similar processed pseudo gene have been found on chromosome 2. [provided by RefSeq
Other Designations	OTTHUMP00000031680|snail 1 homolog|snail 1 zinc finger protein|snail 1, zinc finger protein

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Publication Reference

- Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.

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- The DNA sequence and comparative analysis of human chromosome 20.

  Deloukas P, Matthews LH, Ashurst J, Burton J, Gilbert JG, Jones M, Stavrides G, Almeida JP, Babbage AK, Bagguley CL, Bailey J, Barlow KF, Bates KN, Beard LM, Beare DM, Beasley OP, Bird CP, Blakey SE, Bridgeman AM, Brown AJ, Buck D, Burrill W, Butler AP, Carder C, Carter NP, Chapman JC, Clamp M, Clark G, Clark LN, Clark SY, Clee CM, Clegg S, Cobley VE, Collier RE, Connor R, Corby NR, Coulson A, Coville GJ, Deadman R, Dhami P, Dunn M, Ellington AG, Frankland JA, Fraser A, French L, Garner P, Grafh

  Nature 2001 Dec; 414(6866):865.

- The transcription factor snail is a repressor of E-cadherin gene expression in epithelial tumour cells.

  Batlle E, Sancho E, Franci C, Dominguez D, Monfar M, Baulida J, Garcia De Herreros A.

  Nature Cell Biology 2000 Feb; 2(2):84.

  Application: WB, Human, HT-29 M6, MiaPaca-2 cells

Pathway

- Adherens junction

Disease

- Breast cancer
- Breast Neoplasms
- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease

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- Head and Neck Neoplasms
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Obesity
- Ovarian Neoplasms

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