

Product datasheet for **AM50073PU-S**

SNAIL (SNAI1) Mouse Monoclonal Antibody [Clone ID: AT2D5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT2D5
Applications:	ELISA, WB
Recommended Dilution:	The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant human SNAI1 (1-264aa) purified from E. coli
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	snail family transcriptional repressor 1
Database Link:	Entrez Gene 6615 Human O95863



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Background:

SNAI1, also known as Snail homolog 1, is involved in the epithelial to mesenchymal transition (EMT), formation and maintenance of embryonic mesoderm, growth arrest, survival and cell migration. This protein binds to 3 E-boxes of the E-cadherin gene promoter and represses its transcription. Both SNAI1 and SLUG belong to the snail C2H2-type zinc-finger protein family. SLUG is a transcriptional repressor, involved in the generation and migration of neural crest cells. SNAI1 is expressed in mesenchymal, epithelial cell lines and highest expression in kidney.

Synonyms:

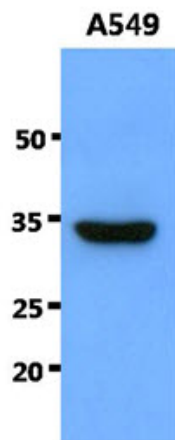
SNAH, Protein snail homolog 1

Protein Families:

Druggable Genome

Protein Pathways:

Adherens junction

Product images:

The cell lysates of A549 (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human SNAI1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.