

## Product datasheet for **TA500316AM**

### **SNAIL (SNAI1) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5E12]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI5E12
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000 IHC: 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full-length protein expressed in 293T cell transfected with human SNAI1 expression vector
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29.083 kDa
Gene Name:	snail family transcriptional repressor 1
Database Link:	<a href="#">NP_005976</a> <a href="#">Entrez Gene 20613 Mouse</a> <a href="#">Entrez Gene 116490 Rat</a> <a href="#">Entrez Gene 6615 Human</a> <a href="#">O95863</a>
Background:	The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2.
Synonyms:	dj710H13.1; SLUGH2; SNA; SNAH; SNAI1; SNAIL1

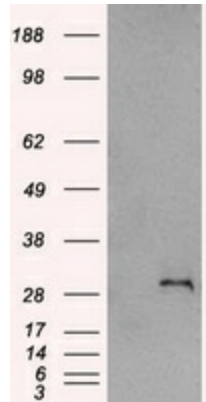


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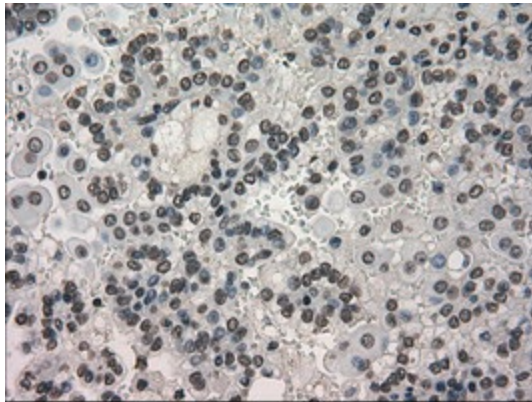
Protein Families: Druggable Genome

Protein Pathways: Adherens junction

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SNAI1 ([RC204581], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SNAI1. Positive lysates [LY401811] (100ug) and [LC401811] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-SNAI1 mouse monoclonal antibody. ([TA500316])