

Immunotag™ SNAI2 Antibody

Antibody Specification	
Catalog No.	ITA6285
Product Description	Immunotag™ SNAI2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SNAI2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SNAI2
Specificity	SNAI2 Antibody detects endogenous levels of total SNAI2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SNAI2
Accession No.	O43623
Alternate Names	dJ710H13.1; MGC10182; Neural crest transcription factor Slug; Protein sna; Protein snail homolog 1; Protein snail homolog 2; Protein snail homolog; Slug homolog zinc finger protein; Slug zinc finger protein; SLUGH; SLUGH 1; SLUGH1; SLUGH2; SNA; Sna protein; SNAH; SNAI 2; snai1; SNAI1_HUMAN; Snai2; SNAI2_HUMAN; Snail 2; Snail homolog 1 (Drosophila); Snail homolog 2; Snail2; WS 2D; WS2D; Zinc finger protein SLUG; Zinc finger protein SNAI1; Zinc finger protein SNAI2;

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Description	Transcriptional repressor that modulates both activator-dependent and basal transcription. Involved in the generation and migration of neural crest cells. Plays a role in mediating RAF1-induced transcriptional repression of the TJ protein, occludin (OCLN) and subsequent oncogenic transformation of epithelial cells (By similarity). Represses BRCA2 expression by binding to its E2-box-containing silencer and recruiting CTBP1 and HDAC1 in breast cells. In epidermal keratinocytes, binds to the E-box in ITGA3 promoter and represses its transcription. Involved in the regulation of ITGB1 and ITGB4 expression and cell adhesion and proliferation in epidermal keratinocytes. Binds to E-box2 domain of BSG and activates its expression during TGFB1-induced epithelial-mesenchymal transition (EMT) in hepatocytes. Represses E-Cadherin/CDH1 transcription via E-box elements. Involved in osteoblast maturation. Binds to RUNX2 and SOC9 promoters and may act as a positive and negative transcription regulator, respectively, in osteoblasts. Binds to CXCL12 promoter via E-box regions in mesenchymal stem cells and osteoblasts. Plays an essential role in TWIST1-induced EMT and its ability to promote invasion and metastasis.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	30kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.