

Datasheet for ABIN7176605
anti-SLUG antibody (AA 12-124) (Biotin)



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Overview

Quantity:	100 µg
Target:	SLUG (SNAI2)
Binding Specificity:	AA 12-124
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLUG antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Zinc finger protein SNAI2 protein (12-124AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SLUG (SNAI2)
Alternative Name:	SNAI2 (SNAI2 Products)
Background:	Background: Transcriptional repressor that modulates both activator-dependent and basal transcription. Involved in the generation and migration of neural crest cells. Plays a role in

Target Details

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 TGFβ1-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.

Aliases: MGC10182 antibody, Neural crest transcription factor Slug antibody, Protein snail homolog 2 antibody, Slug (chicken homolog) zinc finger protein antibody, Slug homolog zinc finger protein antibody, Slug zinc finger protein antibody, SLUGH antibody, SLUGH 1 antibody, SLUGH1 antibody, SNAI 2 antibody, Snai2 antibody, SNAI2_HUMAN antibody, Snail 2 antibody, Snail homolog 2 antibody, Snail2 antibody, WS 2D antibody, WS2D antibody, Zinc finger protein SLUG antibody, Zinc finger protein SNAI2 antibody

UniProt: [O43623](#)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.