



SNAI2 blocking peptide (CDBP6160)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the Snail family of C2H2-type zinc finger transcription factors. The encoded protein acts as a transcriptional repressor that binds to E-box motifs and is also likely to repress E-cadherin transcription in breast carcinoma. This protein is involved in epithelial-mesenchymal transitions and has antiapoptotic activity. Mutations in this gene may be associated with sporadic cases of neural tube defects. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SNAI2 snail family zinc finger 2 [Homo sapiens (human)]
Official Symbol	SNAI2
Synonyms	SNAI2; snail family zinc finger 2; SLUG; WS2D; SLUGH1; SNAIL2; zinc finger protein SNAI2; snail homolog 2; protein snail homolog 2; neural crest transcription factor SLUG; slug (chicken homolog), zinc finger protein
Entrez Gene ID	6591

mRNA Refseq	NM_003068
Protein Refseq	NP_003059
UniProt ID	O43623
Pathway	Adherens junction; Direct p53 effectors; Hippo signaling pathway; Neural Crest Differentiation; Regulation of Wnt-mediated beta catenin signaling and target gene transcription; Signaling events mediated by Stem cell factor receptor (c-Kit)
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; chromatin binding; metal ion binding; sequence-specific DNA binding