



## SNAI2 blocking peptide (CDBP6161)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SNAI2 snail family zinc finger 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SNAI2
<b>Synonyms</b>	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
<b>Entrez Gene ID</b>	<a href="#">6591</a>

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<b>mRNA Refseq</b>	<a href="#">NM_003068</a>
<b>Protein Refseq</b>	<a href="#">NP_003059</a>
<b>UniProt ID</b>	O43623
<b>Pathway</b>	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)
<b>Function</b>	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

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