



# Human SMO blocking peptide (CDBP2738)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-SMO (C Terminus) antibody
<b>Antigen Description</b>	The protein encoded by this gene is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. The encoded protein transduces signals to other proteins after activation by a hedgehog protein/patched protein complex. [provided by RefSeq, Jul 2010]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SMO smoothened, frizzled class receptor [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SMO
<b>Synonyms</b>	SMO; smoothened, frizzled class receptor; Gx; SMOH; FZD11; smoothened homolog; protein Gx; frizzled family member 11; seven transmembrane helix receptor; smoothened, frizzled family receptor; smoothened, seven transmembrane spanning receptor;
<b>Entrez Gene ID</b>	<a href="#">6608</a>

<b>mRNA Refseq</b>	<a href="#">NM_005631.4</a>
<b>Protein Refseq</b>	<a href="#">NP_005622.1</a>
<b>UniProt ID</b>	A4D1K5
<b>Chromosome Location</b>	7q32.3
<b>Pathway</b>	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; I
<b>Function</b>	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; drug binding; patched binding; protein binding;