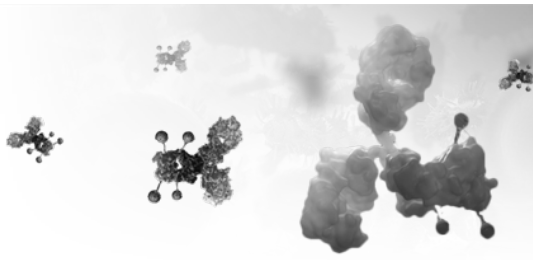

Human SMO blocking peptide (CDBP2739)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SMO (internal) antibody
Antigen Description	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 tranduces signals to other proteins after activation by a hedgehog protein/patched protein complex. [provided by RefSeq, Jul 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SMO smoothened, frizzled class receptor [Homo sapiens (human)]
Official Symbol	SMO
Synonyms	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;
Entrez Gene ID	6608

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mRNA Refseq	NM_005631.4
Protein Refseq	NP_005622.1
UniProt ID	A4D1K5
Chromosome Location	7q32.3
Pathway	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
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; drug binding; patched binding; protein binding;

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