

---

## Summary

<b>Production Name</b>	Smo Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	SMO
<b>Alternative Names</b>	SMO; SMOH; Smoothed homolog; SMO; Protein Gx
<b>Gene ID</b>	6608.0
<b>SwissProt ID</b>	Q99835.The antiserum was produced against synthesized peptide derived from human SMO. AA range:68-117

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:10000
<b>Molecular Weight</b>	86kD

## Background

---

**Product Name: Smo Rabbit Polyclonal Antibody**  
**Catalog #: APRab18026**

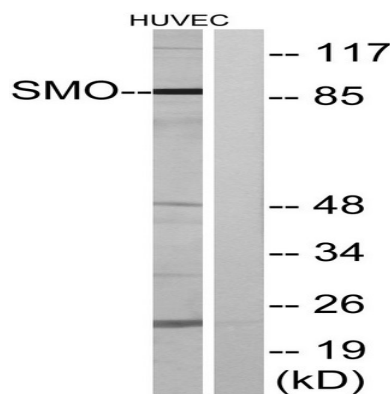


The protein encoded by this gene is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. The encoded protein transduces signals to other proteins after activation by a hedgehog protein/patched protein complex. [provided by RefSeq, Jul 2010],disease:Defects in SMO are involved in basal cell carcinoma (BCC),.function:G protein-coupled receptor that probably associates with the patched protein (PTCH) to transduce the hedgehog's proteins signal. Binding of sonic hedgehog (SHH) to its receptor patched is thought to prevent normal inhibition by patched of smoothened (SMO),.similarity:Belongs to the G-protein coupled receptor Fz/Smo family,.similarity:Contains 1 FZ (frizzled) domain.,

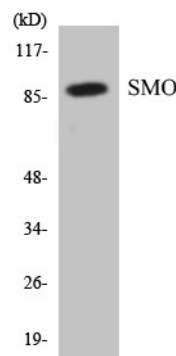
**Research Area**

Hedgehog;Pathways in cancer;Basal cell carcinoma;

**Image Data**



Western blot analysis of lysates from HUVEC cells, using SMO Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using SMO antibody.

**Note**

For research use only.