

## Goat anti-SMO (internal) Antibody

<b>Item Number</b>	dAP-0984
<b>Target Molecule</b>	Principle Name: SMO (internal); Official Symbol: SMO; All Names and Symbols: SMO; smoothened homolog (Drosophila) ; Gx; SMOH ; seven transmembrane helix receptor; smoothened ; Accession Number (s): NP_005622.1; Human Gene ID(s): 6608; Non-Human GeneID(s): 319757 (mouse) 25273 (rat)
<b>Immunogen</b>	QSDDEPKRIKKS, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	Western Blot: Approx 60kDa band observed in Human Bone Marrow lysates (calculated MW of 86.4kDa according to NP_005622.1). The observed molecular weight corresponds to findings with EB07026, a product of different design reacting to a different part of t
<b>IHC</b>	
<b>Reference</b>	Reference(s): Taipale J, Cooper MK, Maiti T, Beachy PA. Patched acts catalytically to suppress the activity of Smoothened. Nature. 2002 Aug 22;418(6900):892-7..PMID: 12192414->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**