



Goat anti-SMO (internal) Antibody

Item Number	dAP-0984
Target Molecule	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)
Immunogen	QSDDEPKRIKKS, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	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
IHC	
Reference	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**