

Goat anti-SMO (C Terminus) Antibody

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| Item Number | dAP-0978 |
| Target Molecule | Principle Name: SMO (C Terminus); Official Symbol: SMO; All Names and Symbols: SMO; smoothened homolog (Drosophila); HGNC:11119; Gx; SMOH; seven transmembrane helix receptor; smoothened; Accession Number (s): NP_005622.1; Human Gene ID(s): 6608; Non-Human GeneID(s): |
| Immunogen | NLMDTELMDADSD, is from C Terminus |
| 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 32000. |
| 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 EB07444, a product of different design reacting to a different part of |
| IHC | |
| Reference | Reference(s): Corbit KC, Aanstad P, Singla V, Norman AR, Stainier DY, Reiter JF. Vertebrate Smoothened functions at the primary cilium. <i>Nature</i> . 2005 Aug 31; [Epub ahead of print]. PMID: 16136078 -> |

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 end users! This product is sold for **Research Use Only**