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Research Use Only. Not for diagnostic or therapeutic use.

EB07444 - Goat Anti-SMO (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SMO, smoothened homolog (Drosophila), Gx, SMOH, seven transmembrane helix receptor, smoothened Official Symbol: SMO Accession Number(s): NP_005622.1 Human GenelD(s): <u>6608</u> Non-Human GenelD(s): 319757 (mouse), 25273 (rat)

Immunogen

Peptide with sequence C-QSDDEPKRIKKS, from the internal region of the protein sequence according to NP_005622.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

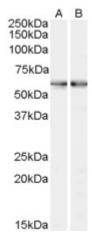
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

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 the same protein. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Zebrafish



A) EB07026 and B) EB07444 (0.3µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.