

#### **UK Office**

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# 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): 6608

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**

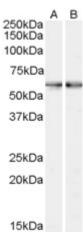
Peptide ELISA: antibody detection limit dilution 1:1000.

**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.