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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06005 - Goat Anti-FOXB1 / FKH5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FOXB1, forkhead box B1, FKH5, HFKH-5

Official Symbol: FOXB1

Accession Number(s): NP_036314.2

Human GeneID(s): [27023](#)

Non-Human GeneID(s): 64290 (mouse)

Immunogen

Peptide with sequence C-TSPASALHSVAVH, from the C Terminus of the protein sequence according to NP_036314.2.

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 1:32000.

Western blot: Approx 35kDa band observed in nuclear lysates of cell line HepG2 (calculated MW of 35.0kDa according to NP_036314.2. Recommended concentration: 1-3µg/ml.

Immunocytochemistry: Anonymous customer found nuclear staining at lumbar levels of the Mouse Spinal Cord at embryonic day 12.5. Recommended concentration 0.1-0.3µg/ml.

Immunofluorescence: This antibody has been successfully used in IF for mouse brain at embryonic day 13.5.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

EB06005 (1µg/ml) staining of HepG2 nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.